

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015855.D
 Acq On : 06 Oct 2023 12:01
 Operator : SY/MD
 Sample : VY1006SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1006SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023

Quant Time: Oct 07 07:24:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	188376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	317421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95965	51.780	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.560%			
35) Dibromofluoromethane	7.716	113	88562	48.948	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.900%			
50) Toluene-d8	10.179	98	302460	51.488	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.980%			
62) 4-Bromofluorobenzene	12.483	95	116298	48.434	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	15764	18.197	ug/l	98
3) Chloromethane	2.107	50	16794	17.444	ug/l	98
4) Vinyl Chloride	2.241	62	20741	17.105	ug/l	99
5) Bromomethane	2.644	94	15842	17.756	ug/l	94
6) Chloroethane	2.784	64	13029	15.043	ug/l	95
7) Trichlorofluoromethane	3.107	101	44219	18.796	ug/l	99
8) Diethyl Ether	3.527	74	20252	19.745	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.881	101	29413	19.181	ug/l	94
10) Methyl Iodide	4.082	142	20171	16.633	ug/l	97
11) Tert butyl alcohol	4.997	59	44857m	103.442	ug/l	
12) 1,1-Dichloroethene	3.863	96	22148	18.061	ug/l	91
13) Acrolein	3.729	56	15372	107.511	ug/l	96
14) Allyl chloride	4.466	41	43167	18.671	ug/l	92
15) Acrylonitrile	5.167	53	86602	108.240	ug/l	98
16) Acetone	3.966	43	113229	117.925	ug/l	91
17) Carbon Disulfide	4.180	76	25249	15.453	ug/l	99
18) Methyl Acetate	4.485	43	65908	21.091	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	116336	20.071	ug/l	97
20) Methylene Chloride	4.710	84	52203	21.621	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	24671	17.465	ug/l	93
22) Diisopropyl ether	6.112	45	120638	20.095	ug/l	98
23) Vinyl Acetate	6.058	43	366930	100.979	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	62651	19.652	ug/l	97
25) 2-Butanone	6.990	43	147854	111.945	ug/l	97
26) 2,2-Dichloropropane	6.978	77	56328	19.013	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	38383	18.797	ug/l	97
28) Bromochloromethane	7.326	49	36743	19.708	ug/l	93
29) Tetrahydrofuran	7.350	42	80579	109.338	ug/l	93
30) Chloroform	7.502	83	71891	20.158	ug/l	96
31) Cyclohexane	7.783	56	35184	16.842	ug/l #	79
32) 1,1,1-Trichloroethane	7.697	97	56229	19.286	ug/l	97
36) 1,1-Dichloropropene	7.911	75	38586	17.876	ug/l	99
37) Ethyl Acetate	7.070	43	52885	21.893	ug/l	96
38) Carbon Tetrachloride	7.893	117	47158	18.580	ug/l	98
39) Methylcyclohexane	9.179	83	38167	16.533	ug/l	95
40) Benzene	8.155	78	126783	18.718	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015855.D
 Acq On : 06 Oct 2023 12:01
 Operator : SY/MD
 Sample : VY1006SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1006SBS01

Quant Time: Oct 07 07:24:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	23777	20.561	ug/l	93
42) 1,2-Dichloroethane	8.234	62	48052	19.703	ug/l	95
43) Isopropyl Acetate	8.271	43	84807	20.398	ug/l	97
44) Trichloroethene	8.935	130	38771	19.559	ug/l	97
45) 1,2-Dichloropropane	9.216	63	38917	19.425	ug/l	97
46) Dibromomethane	9.301	93	25536	19.937	ug/l	96
47) Bromodichloromethane	9.496	83	58132	19.553	ug/l	98
48) Methyl methacrylate	9.289	41	36115	19.888	ug/l	91
49) 1,4-Dioxane	9.319	88	13800	480.985	ug/l #	55
51) 4-Methyl-2-Pentanone	10.069	43	282056	108.443	ug/l	92
52) Toluene	10.240	92	85066	19.195	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	59700	19.137	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	63669	19.225	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	40345	20.050	ug/l	98
56) Ethyl methacrylate	10.508	69	58930	20.199	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	65157	20.254	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	170129	100.076	ug/l	95
59) 2-Hexanone	10.831	43	227890	112.913	ug/l	90
60) Dibromochloromethane	10.983	129	47523	20.448	ug/l	99
61) 1,2-Dibromoethane	11.087	107	38235	20.333	ug/l	98
64) Tetrachloroethene	10.721	164	41874	20.683	ug/l	96
65) Chlorobenzene	11.514	112	104846	19.683	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	42989	19.629	ug/l	98
67) Ethyl Benzene	11.593	91	174313	19.119	ug/l	97
68) m/p-Xylenes	11.703	106	133317	38.467	ug/l	96
69) o-Xylene	12.026	106	66041	19.158	ug/l	99
70) Styrene	12.044	104	117838	19.581	ug/l	97
71) Bromoform	12.209	173	33965	20.798	ug/l #	98
73) Isopropylbenzene	12.331	105	180503	18.997	ug/l	99
74) N-amyl acetate	12.142	43	74307	20.238	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	56650	20.183	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	46092m	21.227	ug/l	
77) Bromobenzene	12.605	156	45814	19.490	ug/l	92
78) n-propylbenzene	12.672	91	220159	19.344	ug/l	100
79) 2-Chlorotoluene	12.758	91	127331	19.428	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	154076	19.457	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	18663	19.896	ug/l	97
82) 4-Chlorotoluene	12.855	91	133922	19.523	ug/l	99
83) tert-Butylbenzene	13.075	119	138303	19.107	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	155881	19.595	ug/l	99
85) sec-Butylbenzene	13.251	105	209007	19.681	ug/l	100
86) p-Isopropyltoluene	13.367	119	170438	19.273	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	93223	19.808	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	95028	19.970	ug/l	99
89) n-Butylbenzene	13.696	91	161945	19.245	ug/l	97
90) Hexachloroethane	13.959	117	33795	19.578	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	89872	20.276	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11841	21.025	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	55582	19.267	ug/l	99
94) Hexachlorobutadiene	15.111	225	28491	18.954	ug/l	98
95) Naphthalene	15.233	128	154679	20.108	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	52505	19.425	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015855.D
Acq On : 06 Oct 2023 12:01
Operator : SY/MD
Sample : VY1006SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1006SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

Quant Time: Oct 07 07:24:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 05:54:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015855.D
 Acq On : 06 Oct 2023 12:01
 Operator : SY/MD
 Sample : VY1006SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1006SBS01

Quant Time: Oct 07 07:24:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023

