

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016439.D
 Acq On : 21 Nov 2023 15:42
 Operator : SY/MD
 Sample : VY1121SBS04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS04

Quant Time: Nov 22 01:17:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/22/2023
 Supervised By :Semsettin Yesilyurt 11/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	154996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	244888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	213795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	103493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	72574	51.231	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.460%			
35) Dibromofluoromethane	7.734	113	79255	56.972	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.940%			
50) Toluene-d8	10.191	98	301723	53.485	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.960%			
62) 4-Bromofluorobenzene	12.495	95	101384	55.334	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	36148	23.818	ug/l	100
3) Chloromethane	2.125	50	36546	20.561	ug/l	97
4) Vinyl Chloride	2.260	62	39886	20.869	ug/l	97
5) Bromomethane	2.662	94	25166	20.036	ug/l	99
6) Chloroethane	2.808	64	24512	20.099	ug/l	98
7) Trichlorofluoromethane	3.144	101	64144	23.068	ug/l	97
8) Diethyl Ether	3.540	74	18096	21.774	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.918	101	37590	22.444	ug/l	95
10) Methyl Iodide	4.113	142	44210	24.441	ug/l	97
11) Tert butyl alcohol	4.972	59	11561	104.218	ug/l #	87
12) 1,1-Dichloroethene	3.893	96	35305	22.541	ug/l	83
13) Acrolein	3.741	56	11573	86.493	ug/l	95
14) Allyl chloride	4.497	41	44800	20.156	ug/l #	91
15) Acrylonitrile	5.186	53	34399	104.299	ug/l	96
16) Acetone	3.967	43	36624	156.297	ug/l #	83
17) Carbon Disulfide	4.216	76	108564	22.972	ug/l	99
18) Methyl Acetate	4.497	43	24400	19.596	ug/l #	88
19) Methyl tert-butyl Ether	5.241	73	80118	21.134	ug/l	98
20) Methylene Chloride	4.741	84	56371	32.861	ug/l #	83
21) trans-1,2-Dichloroethene	5.247	96	40368	22.384	ug/l	88
22) Diisopropyl ether	6.137	45	95744	19.988	ug/l #	88
23) Vinyl Acetate	6.082	43	227923	98.199	ug/l #	94
24) 1,1-Dichloroethane	6.039	63	62626	21.192	ug/l	95
25) 2-Butanone	7.003	43	53448	130.225	ug/l #	87
26) 2,2-Dichloropropane	7.009	77	59805	22.236	ug/l	96
27) cis-1,2-Dichloroethene	7.009	96	43573	22.420	ug/l	88
28) Bromochloromethane	7.356	49	22259	20.352	ug/l #	79
29) Tetrahydrofuran	7.362	42	25516	94.057	ug/l #	83
30) Chloroform	7.527	83	67683	22.004	ug/l	95
31) Cyclohexane	7.807	56	57763	20.711	ug/l #	82
32) 1,1,1-Trichloroethane	7.722	97	63352	22.468	ug/l	96
36) 1,1-Dichloropropene	7.935	75	53492	22.145	ug/l	98
37) Ethyl Acetate	7.088	43	18576	19.033	ug/l #	90
38) Carbon Tetrachloride	7.917	117	59328	23.665	ug/l	99
39) Methylcyclohexane	9.197	83	67365	22.381	ug/l	92
40) Benzene	8.179	78	151832	22.372	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016439.D
 Acq On : 21 Nov 2023 15:42
 Operator : SY/MD
 Sample : VY1121SBS04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS04

Quant Time: Nov 22 01:17:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/22/2023
 Supervised By :Semsettin Yesilyurt 11/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	10800	21.946	ug/l #	88
42) 1,2-Dichloroethane	8.252	62	38230	21.741	ug/l	92
43) Isopropyl Acetate	8.289	43	36349	19.267	ug/l #	86
44) Trichloroethene	8.953	130	45224	23.186	ug/l	100
45) 1,2-Dichloropropane	9.234	63	35049	21.504	ug/l	99
46) Dibromomethane	9.319	93	19532	22.114	ug/l	98
47) Bromodichloromethane	9.508	83	50078	22.054	ug/l	97
48) Methyl methacrylate	9.307	41	19061	18.281	ug/l #	79
49) 1,4-Dioxane	9.313	88	3645	388.729	ug/l #	53
51) 4-Methyl-2-Pentanone	10.081	43	91661	96.080	ug/l #	87
52) Toluene	10.258	92	96356	22.461	ug/l	95
53) t-1,3-Dichloropropene	10.478	75	47868	21.746	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	57628	21.919	ug/l #	86
55) 1,1,2-Trichloroethane	10.654	97	27385	22.496	ug/l	96
56) Ethyl methacrylate	10.520	69	24303	21.149	ug/l #	79
57) 1,3-Dichloropropane	10.801	76	45434	21.895	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.795	63	74246	95.285	ug/l	90
59) 2-Hexanone	10.843	43	82882	116.799	ug/l	86
60) Dibromochloromethane	10.996	129	34464	22.637	ug/l	99
61) 1,2-Dibromoethane	11.099	107	25657	22.122	ug/l	99
64) Tetrachloroethene	10.734	164	46014	23.970	ug/l	97
65) Chlorobenzene	11.526	112	101099	22.133	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	39343	23.352	ug/l	99
67) Ethyl Benzene	11.605	91	182961	22.288	ug/l	98
68) m/p-Xylenes	11.715	106	142240	45.683	ug/l	93
69) o-Xylene	12.044	106	65583	22.686	ug/l	97
70) Styrene	12.057	104	93235	22.524	ug/l	98
71) Bromoform	12.221	173	20031	22.914	ug/l #	99
73) Isopropylbenzene	12.343	105	179961	21.473	ug/l	100
74) N-amyl acetate	12.154	43	30600	18.178	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.593	83	26634	19.805	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	20641m	20.791	ug/l	
77) Bromobenzene	12.624	156	40426	21.343	ug/l	93
78) n-propylbenzene	12.684	91	213686	21.575	ug/l	99
79) 2-Chlorotoluene	12.770	91	117660	21.557	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	147582	21.842	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	9660	21.120	ug/l	91
82) 4-Chlorotoluene	12.867	91	120242	21.320	ug/l	98
83) tert-Butylbenzene	13.087	119	129599	21.776	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	146542	22.026	ug/l	98
85) sec-Butylbenzene	13.264	105	183177	21.544	ug/l	99
86) p-Isopropyltoluene	13.379	119	160466	21.918	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	79783	21.894	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	79358	22.283	ug/l	99
89) n-Butylbenzene	13.709	91	146065	21.603	ug/l	97
90) Hexachloroethane	13.971	117	29801	21.101	ug/l	96
91) 1,2-Dichlorobenzene	13.751	146	69658	22.308	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4139	19.345	ug/l	88
93) 1,2,4-Trichlorobenzene	15.019	180	40396	22.163	ug/l	99
94) Hexachlorobutadiene	15.123	225	25227	24.159	ug/l	98
95) Naphthalene	15.251	128	69183	21.222	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	33645	22.317	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
Data File : VY016439.D
Acq On : 21 Nov 2023 15:42
Operator : SY/MD
Sample : VY1121SBS04
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBS04

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/22/2023
Supervised By :Semsettin Yesilyurt 11/22/2023

Quant Time: Nov 22 01:17:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

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

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

