

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015889.D
 Acq On : 10 Oct 2023 11:46
 Operator : SY/MD
 Sample : VY1010SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/11/2023
 Supervised By :Semsettin Yesilyurt 10/11/2023

Quant Time: Oct 11 01:17:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	183011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	300880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	268777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	134424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81667	49.593	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.180%		
35) Dibromofluoromethane	7.728	113	84394	50.287	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.580%		
50) Toluene-d8	10.185	98	287351	51.953	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.900%		
62) 4-Bromofluorobenzene	12.489	95	110089	49.004	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	15688	21.431	ug/l	100
3) Chloromethane	2.125	50	14386	19.213	ug/l	98
4) Vinyl Chloride	2.259	62	18366	19.232	ug/l	94
5) Bromomethane	2.650	94	16056	20.505	ug/l	95
6) Chloroethane	2.796	64	15088	20.121	ug/l	92
7) Trichlorofluoromethane	3.131	101	43105	21.273	ug/l	96
8) Diethyl Ether	3.540	74	17074	19.917	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.905	101	30510	22.186	ug/l	93
10) Methyl Iodide	4.101	142	22050	17.500	ug/l	96
11) Tert butyl alcohol	4.954	59	45518	115.233	ug/l #	94
12) 1,1-Dichloroethene	3.887	96	22030	20.827	ug/l	89
13) Acrolein	3.735	56	9610	95.482	ug/l	99
14) Allyl chloride	4.491	41	40296	20.662	ug/l	91
15) Acrylonitrile	5.180	53	58568	99.354	ug/l	99
16) Acetone	3.954	43	71928	95.111	ug/l #	88
17) Carbon Disulfide	4.204	76	22140	15.966	ug/l	98
18) Methyl Acetate	4.491	43	40305	18.054	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	99552	20.769	ug/l	96
20) Methylene Chloride	4.729	84	46739	22.024	ug/l	89
21) trans-1,2-Dichloroethene	5.228	96	25053	20.411	ug/l	91
22) Diisopropyl ether	6.131	45	115155	22.075	ug/l	90
23) Vinyl Acetate	6.070	43	298959	104.224	ug/l	95
24) 1,1-Dichloroethane	6.033	63	61983	21.571	ug/l	96
25) 2-Butanone	6.996	43	91483	101.273	ug/l	96
26) 2,2-Dichloropropane	6.990	77	57342	21.458	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	38202	21.088	ug/l	95
28) Bromochloromethane	7.344	49	34262	20.688	ug/l	93
29) Tetrahydrofuran	7.356	42	46444	93.984	ug/l	93
30) Chloroform	7.515	83	69676	21.739	ug/l	93
31) Cyclohexane	7.795	56	33896	19.219	ug/l #	79
32) 1,1,1-Trichloroethane	7.710	97	57266	21.878	ug/l	98
36) 1,1-Dichloropropene	7.929	75	38879	20.918	ug/l	98
37) Ethyl Acetate	7.088	43	32920	20.623	ug/l #	94
38) Carbon Tetrachloride	7.911	117	47883	21.451	ug/l	95
39) Methylcyclohexane	9.191	83	37678	19.957	ug/l	92
40) Benzene	8.167	78	122623	20.993	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015889.D
 Acq On : 10 Oct 2023 11:46
 Operator : SY/MD
 Sample : VY1010SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/11/2023
 Supervised By :Semsettin Yesilyurt 10/11/2023

Quant Time: Oct 11 01:17:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	19627m	19.767	ug/l	
42) 1,2-Dichloroethane	8.246	62	41713	20.949	ug/l	94
43) Isopropyl Acetate	8.283	43	59804	20.239	ug/l	96
44) Trichloroethene	8.947	130	35767	21.161	ug/l	99
45) 1,2-Dichloropropane	9.222	63	38074	21.671	ug/l	94
46) Dibromomethane	9.313	93	21533	20.595	ug/l	97
47) Bromodichloromethane	9.508	83	56577	21.758	ug/l	98
48) Methyl methacrylate	9.301	41	25752	19.734	ug/l	88
49) 1,4-Dioxane	9.307	88	6833	375.957	ug/l #	61
51) 4-Methyl-2-Pentanone	10.075	43	175971	99.539	ug/l	92
52) Toluene	10.252	92	82477	21.272	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	54799	20.846	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	59872	20.967	ug/l #	88
55) 1,1,2-Trichloroethane	10.654	97	35393	21.260	ug/l	95
56) Ethyl methacrylate	10.514	69	45239	20.016	ug/l #	86
57) 1,3-Dichloropropane	10.794	76	56529	21.061	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	140897	102.277	ug/l	95
59) 2-Hexanone	10.837	43	137879	103.089	ug/l	91
60) Dibromochloromethane	10.990	129	42381	21.235	ug/l	100
61) 1,2-Dibromoethane	11.093	107	30659	20.164	ug/l	100
64) Tetrachloroethene	10.727	164	36626	20.881	ug/l	96
65) Chlorobenzene	11.526	112	100665	21.472	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	42450	22.153	ug/l	98
67) Ethyl Benzene	11.599	91	174122	21.649	ug/l	99
68) m/p-Xylenes	11.709	106	132562	43.740	ug/l	96
69) o-Xylene	12.038	106	67664	22.314	ug/l	93
70) Styrene	12.050	104	116948	22.105	ug/l	96
71) Bromoform	12.215	173	27946	20.943	ug/l #	98
73) Isopropylbenzene	12.337	105	187643	22.129	ug/l	100
74) N-amyl acetate	12.148	43	54525	20.404	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	45245	20.578	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	33996m	21.664	ug/l	
77) Bromobenzene	12.617	156	44786	21.540	ug/l	100
78) n-propylbenzene	12.678	91	226722	22.233	ug/l	100
79) 2-Chlorotoluene	12.764	91	129932	22.368	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	156877	22.447	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	13981	19.757	ug/l	97
82) 4-Chlorotoluene	12.861	91	134445	22.210	ug/l	100
83) tert-Butylbenzene	13.081	119	142736	21.884	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	156253	22.202	ug/l	99
85) sec-Butylbenzene	13.257	105	216713	22.656	ug/l	100
86) p-Isopropyltoluene	13.373	119	179977	22.745	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	92736	22.153	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	92856	22.027	ug/l	98
89) n-Butylbenzene	13.703	91	168514	22.504	ug/l	97
90) Hexachloroethane	13.971	117	36355	22.893	ug/l	88
91) 1,2-Dichlorobenzene	13.745	146	84153	21.627	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7577	19.623	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	53043	21.270	ug/l	98
94) Hexachlorobutadiene	15.117	225	30373	22.745	ug/l	98
95) Naphthalene	15.245	128	113214	19.624	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	46846	21.118	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
Data File : VY015889.D
Acq On : 10 Oct 2023 11:46
Operator : SY/MD
Sample : VY1010SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1010SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/11/2023
Supervised By :Semsettin Yesilyurt 10/11/2023

Quant Time: Oct 11 01:17:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 10 07:06:18 2023
Response via : Initial Calibration

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

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

