

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
 Data File : VY019912.D
 Acq On : 16 Oct 2024 12:39
 Operator : SY/MD
 Sample : VY1016SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1016SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024
 Supervised By :Semsettin Yesilyurt 10/17/2024

Quant Time: Oct 17 01:51:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	261245	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	454478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	383177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	178269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	172981	53.776	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.560%			
35) Dibromofluoromethane	7.640	113	170469	56.841	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.680%			
50) Toluene-d8	10.109	98	624959	56.429	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.860%			
62) 4-Bromofluorobenzene	12.408	95	218236	54.535	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 109.060%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	47946	19.715	ug/l	98
3) Chloromethane	2.074	50	62798	19.840	ug/l	98
4) Vinyl Chloride	2.208	62	71875	20.635	ug/l	98
5) Bromomethane	2.598	94	47538	21.562	ug/l	91
6) Chloroethane	2.739	64	49978	21.358	ug/l	97
7) Trichlorofluoromethane	3.062	101	111203	21.456	ug/l	99
8) Diethyl Ether	3.464	74	31146	19.773	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.824	101	65278	21.653	ug/l	93
10) Methyl Iodide	4.019	142	57028	18.704	ug/l	# 88
11) Tert butyl alcohol	4.879	59	28426m	98.435	ug/l	
12) 1,1-Dichloroethene	3.799	96	56631	20.206	ug/l	85
13) Acrolein	3.665	56	21699	91.804	ug/l	97
14) Allyl chloride	4.391	41	104859	20.736	ug/l	# 88
15) Acrylonitrile	5.068	53	73371	101.836	ug/l	98
16) Acetone	3.873	43	90528	108.111	ug/l	# 84
17) Carbon Disulfide	4.110	76	123936	16.498	ug/l	99
18) Methyl Acetate	4.391	43	33420	18.527	ug/l	# 88
19) Methyl tert-butyl Ether	5.122	73	162702	20.207	ug/l	98
20) Methylene Chloride	4.629	84	67593	21.385	ug/l	# 83
21) trans-1,2-Dichloroethene	5.122	96	60664	19.888	ug/l	85
22) Diisopropyl ether	6.025	45	244556	22.203	ug/l	# 88
23) Vinyl Acetate	5.970	43	652076	103.267	ug/l	# 90
24) 1,1-Dichloroethane	5.927	63	134202	21.918	ug/l	96
25) 2-Butanone	6.903	43	117514	104.846	ug/l	# 84
26) 2,2-Dichloropropane	6.896	77	118537	21.739	ug/l	93
27) cis-1,2-Dichloroethene	6.896	96	77238	20.490	ug/l	80
28) Bromochloromethane	7.250	49	58521	21.715	ug/l	# 71
29) Tetrahydrofuran	7.268	42	62137	97.094	ug/l	# 82
30) Chloroform	7.427	83	138601	22.206	ug/l	97
31) Cyclohexane	7.707	56	107696	20.037	ug/l	93
32) 1,1,1-Trichloroethane	7.628	97	118661	21.694	ug/l	# 93
36) 1,1-Dichloropropene	7.841	75	92033	21.301	ug/l	94
37) Ethyl Acetate	6.988	43	44627	19.808	ug/l	96
38) Carbon Tetrachloride	7.823	117	98481	21.262	ug/l	98
39) Methylcyclohexane	9.110	83	109773	20.164	ug/l	# 84
40) Benzene	8.085	78	280414	21.445	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	27143	22.260	ug/l #	83
42) 1,2-Dichloroethane	8.165	62	79891	21.267	ug/l	94
43) Isopropyl Acetate	8.201	43	91120	19.832	ug/l #	87
44) Trichloroethene	8.866	130	64866	20.482	ug/l	91
45) 1,2-Dichloropropane	9.146	63	73556	22.474	ug/l	97
46) Dibromomethane	9.238	93	36802	20.581	ug/l	88
47) Bromodichloromethane	9.427	83	100714	21.219	ug/l	98
48) Methyl methacrylate	9.225	41	41647	20.606	ug/l #	81
49) 1,4-Dioxane	9.238	88	7057	352.609	ug/l #	83
51) 4-Methyl-2-Pentanone	10.000	43	240592	102.659	ug/l	89
52) Toluene	10.170	92	174241	21.347	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	83458	19.543	ug/l	93
54) cis-1,3-Dichloropropene	9.859	75	102584	20.358	ug/l #	82
55) 1,1,2-Trichloroethane	10.573	97	49238	20.900	ug/l	94
56) Ethyl methacrylate	10.439	69	66810	19.763	ug/l #	74
57) 1,3-Dichloropropane	10.719	76	86036	20.795	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	162897	103.510	ug/l	92
59) 2-Hexanone	10.762	43	176111	105.212	ug/l	84
60) Dibromochloromethane	10.914	129	61275	20.264	ug/l	99
61) 1,2-Dibromoethane	11.018	107	43333	20.354	ug/l	97
64) Tetrachloroethene	10.652	164	54591	20.030	ug/l	98
65) Chlorobenzene	11.444	112	185547	21.171	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	64675	21.811	ug/l	96
67) Ethyl Benzene	11.518	91	345302	21.689	ug/l	99
68) m/p-Xylenes	11.627	106	249860	42.495	ug/l	91
69) o-Xylene	11.957	106	120458	21.323	ug/l	92
70) Styrene	11.969	104	203391	21.339	ug/l	95
71) Bromoform	12.133	173	30875	19.450	ug/l #	98
73) Isopropylbenzene	12.255	105	331125	22.083	ug/l	98
74) N-amyl acetate	12.072	43	78298	19.715	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	57090	21.427	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	42129m	12.063	ug/l	
77) Bromobenzene	12.536	156	65298	20.521	ug/l	82
78) n-propylbenzene	12.597	91	416740	23.001	ug/l	97
79) 2-Chlorotoluene	12.682	91	228613	22.009	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	267972	22.129	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	16034	18.532	ug/l #	78
82) 4-Chlorotoluene	12.780	91	235680	22.190	ug/l	94
83) tert-Butylbenzene	12.999	119	243221	22.420	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	265689	22.130	ug/l	96
85) sec-Butylbenzene	13.176	105	374645	23.114	ug/l	96
86) p-Isopropyltoluene	13.292	119	296159	22.502	ug/l	95
87) 1,3-Dichlorobenzene	13.292	146	136934	21.310	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	135044	21.392	ug/l	95
89) n-Butylbenzene	13.621	91	296581	23.077	ug/l	96
90) Hexachloroethane	13.883	117	56775	22.153	ug/l	83
91) 1,2-Dichlorobenzene	13.657	146	118183	20.932	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8566	20.145	ug/l	68
93) 1,2,4-Trichlorobenzene	14.926	180	62033	19.594	ug/l	96
94) Hexachlorobutadiene	15.023	225	35448	20.139	ug/l	98
95) Naphthalene	15.145	128	109285	18.302	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	51227	19.141	ug/l	98

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

