

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006476.D
 Acq On : 26 Oct 2021 13:15
 Operator : SY/MD
 Sample : VY1026SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1026SBS01

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

Quant Time: Oct 27 05:17:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	131722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	204911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	191885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85506	52.751	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.500%			
35) Dibromofluoromethane	7.722	113	57428	50.282	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.560%			
50) Toluene-d8	10.185	98	250229	51.683	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.360%			
62) 4-Bromofluorobenzene	12.483	95	82838	50.792	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	25302	20.780	ug/l	95
3) Chloromethane	2.119	50	34772	21.157	ug/l	95
4) Vinyl Chloride	2.259	62	38524	20.988	ug/l	100
5) Bromomethane	2.637	94	25527	20.875	ug/l	99
6) Chloroethane	2.796	64	21905	20.210	ug/l	100
7) Trichlorofluoromethane	3.125	101	47164	20.236	ug/l	98
8) Diethyl Ether	3.534	74	16324	21.386	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	24604	20.735	ug/l	99
10) Methyl Iodide	4.094	142	21220	19.760	ug/l	98
11) Tert butyl alcohol	4.960	59	18440	125.225	ug/l	99
12) 1,1-Dichloroethene	3.881	96	23423	19.696	ug/l	98
13) Acrolein	3.735	56	12271	120.539	ug/l	99
14) Allyl chloride	4.491	41	48802	19.938	ug/l	99
15) Acrylonitrile	5.173	53	49604	115.401	ug/l	98
16) Acetone	3.954	43	51850	111.090	ug/l	97
17) Carbon Disulfide	4.198	76	72800	18.664	ug/l	97
18) Methyl Acetate	4.478	43	35614	23.531	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	82904	21.745	ug/l	99
20) Methylene Chloride	4.728	84	32235	19.816	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	26948	19.982	ug/l	96
22) Diisopropyl ether	6.125	45	104777	21.479	ug/l	98
23) Vinyl Acetate	6.064	43	330446	111.375	ug/l	99
24) 1,1-Dichloroethane	6.021	63	52986	20.773	ug/l	97
25) 2-Butanone	6.990	43	72895	119.212	ug/l	97
26) 2,2-Dichloropropane	6.990	77	48867	20.142	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	31043	20.163	ug/l	99
28) Bromochloromethane	7.338	49	23709	22.909	ug/l	95
29) Tetrahydrofuran	7.350	42	46387	123.651	ug/l	97
30) Chloroform	7.508	83	53340	20.249	ug/l	98
31) Cyclohexane	7.789	56	51933	19.791	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	49636	20.407	ug/l	99
36) 1,1-Dichloropropene	7.923	75	39640	19.578	ug/l	99
37) Ethyl Acetate	7.076	43	31154	24.313	ug/l	99
38) Carbon Tetrachloride	7.905	117	44719	20.022	ug/l	99
39) Methylcyclohexane	9.185	83	48546	19.697	ug/l	96
40) Benzene	8.167	78	114245	19.784	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	19716m	27.117	ug/l	
42) 1,2-Dichloroethane	8.240	62	42932	20.819	ug/l	99
43) Isopropyl Acetate	8.277	43	57852	23.273	ug/l	99
44) Trichloroethene	8.947	130	29892	20.071	ug/l	96
45) 1,2-Dichloropropane	9.222	63	29324	20.501	ug/l	96
46) Dibromomethane	9.307	93	16747	21.330	ug/l	99
47) Bromodichloromethane	9.502	83	41785	20.458	ug/l	100
48) Methyl methacrylate	9.295	41	26028	22.592	ug/l	98
49) 1,4-Dioxane	9.301	88	4787	449.091	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	157474	120.851	ug/l	99
52) Toluene	10.246	92	71688	19.786	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	46743	21.244	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	48699	20.428	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	23239	21.407	ug/l	96
56) Ethyl methacrylate	10.514	69	36833	21.962	ug/l	99
57) 1,3-Dichloropropane	10.794	76	42350	21.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	90777	118.652	ug/l	100
59) 2-Hexanone	10.837	43	114344	121.246	ug/l	99
60) Dibromochloromethane	10.990	129	28136	21.012	ug/l	99
61) 1,2-Dibromoethane	11.093	107	21824	21.353	ug/l	98
64) Tetrachloroethene	10.721	164	35380	21.087	ug/l	96
65) Chlorobenzene	11.520	112	75100	20.110	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	28856	20.526	ug/l	99
67) Ethyl Benzene	11.593	91	142117	19.986	ug/l	97
68) m/p-Xylenes	11.703	106	107474	40.176	ug/l	98
69) o-Xylene	12.032	106	51477	20.167	ug/l	99
70) Styrene	12.044	104	88474	20.272	ug/l	99
71) Bromoform	12.209	173	19475	21.915	ug/l #	100
73) Isopropylbenzene	12.331	105	137576	19.626	ug/l	99
74) N-amyl acetate	12.142	43	51191	22.014	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	25401	20.931	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	20714m	20.059	ug/l	
77) Bromobenzene	12.611	156	33219	20.114	ug/l	99
78) n-propylbenzene	12.672	91	170360	19.665	ug/l	100
79) 2-Chlorotoluene	12.757	91	95485	19.909	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	117457	20.011	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	11086	22.040	ug/l	98
82) 4-Chlorotoluene	12.855	91	100752	20.161	ug/l	99
83) tert-Butylbenzene	13.075	119	102345	20.291	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	116970	19.930	ug/l	100
85) sec-Butylbenzene	13.257	105	152104	20.083	ug/l	99
86) p-Isopropyltoluene	13.367	119	129602	20.058	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	65487	19.757	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	65313	20.040	ug/l	99
89) n-Butylbenzene	13.696	91	122847	20.212	ug/l	100
90) Hexachloroethane	13.958	117	22980	19.693	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	59266	20.385	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5553	21.553	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	40040	20.862	ug/l	99
94) Hexachlorobutadiene	15.111	225	25528	20.753	ug/l	96
95) Naphthalene	15.239	128	80290	21.372	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	34831	20.723	ug/l	99

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

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