

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006440.D
 Acq On : 22 Oct 2021 15:38
 Operator : SY/MD
 Sample : VY1022SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Quant Time: Oct 23 07:05:34 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

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	132474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	206353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	195558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84499	51.834	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.660%			
35) Dibromofluoromethane	7.722	113	59611	51.829	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.660%			
50) Toluene-d8	10.185	98	254358	52.169	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.340%			
62) 4-Bromofluorobenzene	12.483	95	85920	52.313	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	25246	20.616	ug/l	96
3) Chloromethane	2.119	50	34223	20.705	ug/l	99
4) Vinyl Chloride	2.260	62	37944	20.555	ug/l	99
5) Bromomethane	2.650	94	27549	22.401	ug/l	97
6) Chloroethane	2.802	64	23193	21.277	ug/l	97
7) Trichlorofluoromethane	3.131	101	50040	21.348	ug/l	99
8) Diethyl Ether	3.540	74	17245	22.465	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	26945	22.579	ug/l	97
10) Methyl Iodide	4.101	142	19733	18.652	ug/l	99
11) Tert butyl alcohol	4.973	59	15372	103.798	ug/l	98
12) 1,1-Dichloroethene	3.881	96	26316	22.003	ug/l	97
13) Acrolein	3.735	56	12730	124.338	ug/l	100
14) Allyl chloride	4.491	41	56244	22.848	ug/l	97
15) Acrylonitrile	5.174	53	46773	108.197	ug/l	100
16) Acetone	3.954	43	43598	92.880	ug/l	99
17) Carbon Disulfide	4.204	76	82555	21.045	ug/l	100
18) Methyl Acetate	4.485	43	32969	21.660	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	83492	21.774	ug/l	98
20) Methylene Chloride	4.729	84	40784	26.060	ug/l	98
21) trans-1,2-Dichloroethene	5.229	96	29629	21.846	ug/l	96
22) Diisopropyl ether	6.125	45	116014	23.647	ug/l	99
23) Vinyl Acetate	6.070	43	337321	113.047	ug/l	100
24) 1,1-Dichloroethane	6.027	63	58435	22.779	ug/l	97
25) 2-Butanone	6.990	43	63011	102.463	ug/l	100
26) 2,2-Dichloropropane	6.990	77	51466	21.093	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	34908	22.545	ug/l	99
28) Bromochloromethane	7.338	49	21429	20.589	ug/l	98
29) Tetrahydrofuran	7.356	42	35447	93.952	ug/l	98
30) Chloroform	7.515	83	52557	19.839	ug/l	93
31) Cyclohexane	7.789	56	49526	18.766	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	49292	20.150	ug/l	98
36) 1,1-Dichloropropene	7.929	75	37991	18.633	ug/l	99
37) Ethyl Acetate	7.082	43	27936	21.650	ug/l	99
38) Carbon Tetrachloride	7.911	117	43871	19.505	ug/l	98
39) Methylcyclohexane	9.185	83	46494	18.732	ug/l	98
40) Benzene	8.167	78	113377	19.496	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	15073m	20.586	ug/l	
42) 1,2-Dichloroethane	8.240	62	39831	19.180	ug/l	99
43) Isopropyl Acetate	8.283	43	47617	19.022	ug/l	99
44) Trichloroethene	8.947	130	29632	19.758	ug/l	96
45) 1,2-Dichloropropane	9.222	63	27453	19.059	ug/l	97
46) Dibromomethane	9.307	93	15422	19.505	ug/l	98
47) Bromodichloromethane	9.502	83	39808	19.354	ug/l	100
48) Methyl methacrylate	9.295	41	21830	18.816	ug/l	97
49) 1,4-Dioxane	9.307	88	4113	383.164	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	122066	93.023	ug/l	100
52) Toluene	10.246	92	71353	19.556	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	42729	19.284	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	46802	19.495	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	21024	19.231	ug/l	96
56) Ethyl methacrylate	10.514	69	32036	18.968	ug/l	99
57) 1,3-Dichloropropane	10.789	76	38318	19.286	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	75679	98.227	ug/l	99
59) 2-Hexanone	10.837	43	86477	91.056	ug/l	100
60) Dibromochloromethane	10.990	129	26195	19.426	ug/l	98
61) 1,2-Dibromoethane	11.093	107	19851	19.287	ug/l	97
64) Tetrachloroethene	10.721	164	31544	18.447	ug/l	93
65) Chlorobenzene	11.520	112	73452	19.300	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	27359	19.096	ug/l	99
67) Ethyl Benzene	11.593	91	138770	19.149	ug/l	99
68) m/p-Xylenes	11.703	106	104311	38.261	ug/l	98
69) o-Xylene	12.032	106	50318	19.342	ug/l	99
70) Styrene	12.044	104	85039	19.119	ug/l	99
71) Bromoform	12.209	173	16857	18.613	ug/l #	98
73) Isopropylbenzene	12.331	105	133882	19.853	ug/l	100
74) N-amyl acetate	12.142	43	43595	19.488	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	22818	19.545	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	20420m	20.555	ug/l	
77) Bromobenzene	12.611	156	31300	19.700	ug/l	99
78) n-propylbenzene	12.672	91	164665	19.758	ug/l	99
79) 2-Chlorotoluene	12.758	91	93010	20.159	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	114086	20.204	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	9272	19.161	ug/l	97
82) 4-Chlorotoluene	12.855	91	97468	20.274	ug/l	100
83) tert-Butylbenzene	13.075	119	96148	19.815	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	113882	20.170	ug/l	99
85) sec-Butylbenzene	13.252	105	147236	20.208	ug/l	100
86) p-Isopropyltoluene	13.367	119	123591	19.883	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	63319	19.857	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	63359	20.208	ug/l	99
89) n-Butylbenzene	13.697	91	118011	20.183	ug/l	100
90) Hexachloroethane	13.959	117	22452	20.000	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	55697	19.914	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4676	18.866	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	37601	20.365	ug/l	99
94) Hexachlorobutadiene	15.111	225	24216	20.464	ug/l	99
95) Naphthalene	15.239	128	69751	19.300	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	32113	19.861	ug/l	99

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

