

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006441.D
 Acq On : 22 Oct 2021 16:01
 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 07:06:18 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	129254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	203618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	189599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85008	53.445	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.900%			
35) Dibromofluoromethane	7.722	113	58611	51.644	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.280%			
50) Toluene-d8	10.185	98	249937	51.951	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.900%			
62) 4-Bromofluorobenzene	12.483	95	83108	51.281	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	25254	21.137	ug/l	98
3) Chloromethane	2.119	50	34141	21.170	ug/l	96
4) Vinyl Chloride	2.253	62	37683	20.922	ug/l	98
5) Bromomethane	2.644	94	25010	20.843	ug/l	97
6) Chloroethane	2.796	64	21021	19.764	ug/l	92
7) Trichlorofluoromethane	3.131	101	45671	19.970	ug/l	98
8) Diethyl Ether	3.534	74	15847	21.158	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	23117	19.854	ug/l	99
10) Methyl Iodide	4.101	142	18413	18.059	ug/l	98
11) Tert butyl alcohol	4.960	59	15758	109.055	ug/l #	83
12) 1,1-Dichloroethene	3.881	96	23115	19.809	ug/l	96
13) Acrolein	3.735	56	12261	122.741	ug/l	97
14) Allyl chloride	4.485	41	48832	20.332	ug/l	99
15) Acrylonitrile	5.174	53	44250	104.911	ug/l	100
16) Acetone	3.954	43	41825	91.322	ug/l	96
17) Carbon Disulfide	4.198	76	72285	18.886	ug/l	100
18) Methyl Acetate	4.485	43	31018	20.886	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	78740	21.047	ug/l	98
20) Methylene Chloride	4.722	84	36366	23.438	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	26110	19.731	ug/l	94
22) Diisopropyl ether	6.125	45	100455	20.986	ug/l	98
23) Vinyl Acetate	6.064	43	305999	105.105	ug/l	99
24) 1,1-Dichloroethane	6.027	63	51470	20.564	ug/l	100
25) 2-Butanone	6.990	43	61803	103.002	ug/l	98
26) 2,2-Dichloropropane	6.990	77	46766	19.644	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	30000	19.858	ug/l	97
28) Bromochloromethane	7.338	49	21842	21.508	ug/l	98
29) Tetrahydrofuran	7.350	42	40314	109.514	ug/l	96
30) Chloroform	7.515	83	53134	20.556	ug/l	97
31) Cyclohexane	7.783	56	49603	19.264	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	48087	20.148	ug/l	99
36) 1,1-Dichloropropene	7.923	75	38754	19.262	ug/l	99
37) Ethyl Acetate	7.082	43	27151	21.324	ug/l	99
38) Carbon Tetrachloride	7.905	117	43031	19.388	ug/l	99
39) Methylcyclohexane	9.185	83	47219	19.280	ug/l	99
40) Benzene	8.167	78	113782	19.829	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	14769m	20.442	ug/l	
42) 1,2-Dichloroethane	8.240	62	41043	20.029	ug/l	98
43) Isopropyl Acetate	8.277	43	51736	20.945	ug/l	100
44) Trichloroethene	8.941	130	28920	19.542	ug/l	97
45) 1,2-Dichloropropane	9.216	63	28604	20.125	ug/l	99
46) Dibromomethane	9.307	93	15800	20.252	ug/l	97
47) Bromodichloromethane	9.502	83	40951	20.177	ug/l	98
48) Methyl methacrylate	9.295	41	24511	21.411	ug/l	97
49) 1,4-Dioxane	9.301	88	4226	398.979	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	137408	106.121	ug/l	100
52) Toluene	10.246	92	70223	19.505	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	44113	20.176	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	46718	19.722	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	22317	20.688	ug/l	94
56) Ethyl methacrylate	10.508	69	34052	20.433	ug/l	99
57) 1,3-Dichloropropane	10.795	76	40120	20.464	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	85100	111.938	ug/l	99
59) 2-Hexanone	10.837	43	98313	104.909	ug/l	99
60) Dibromochloromethane	10.984	129	27477	20.650	ug/l	98
61) 1,2-Dibromoethane	11.093	107	20911	20.589	ug/l	97
64) Tetrachloroethene	10.721	164	32250	19.453	ug/l	98
65) Chlorobenzene	11.520	112	73195	19.837	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	27987	20.148	ug/l	99
67) Ethyl Benzene	11.593	91	137398	19.555	ug/l	100
68) m/p-Xylenes	11.703	106	104780	39.641	ug/l	97
69) o-Xylene	12.032	106	50194	19.901	ug/l	98
70) Styrene	12.044	104	85472	19.820	ug/l	99
71) Bromoform	12.209	173	17682	20.138	ug/l	99
73) Isopropylbenzene	12.331	105	131838	19.462	ug/l	100
74) N-amyl acetate	12.142	43	46473	20.680	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	23694	20.203	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	21753m	21.798	ug/l	
77) Bromobenzene	12.611	156	31694	19.858	ug/l	98
78) n-propylbenzene	12.672	91	163782	19.564	ug/l	99
79) 2-Chlorotoluene	12.758	91	91932	19.836	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	112670	19.863	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	9893	20.352	ug/l	97
82) 4-Chlorotoluene	12.855	91	97239	20.135	ug/l	98
83) tert-Butylbenzene	13.075	119	96761	19.851	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	112802	19.889	ug/l	97
85) sec-Butylbenzene	13.251	105	145543	19.886	ug/l	100
86) p-Isopropyltoluene	13.367	119	122843	19.674	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	62653	19.560	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	63245	20.081	ug/l	99
89) n-Butylbenzene	13.696	91	116017	19.752	ug/l	98
90) Hexachloroethane	13.959	117	22598	20.039	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	55968	19.920	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5092	20.452	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	36653	19.762	ug/l	100
94) Hexachlorobutadiene	15.111	225	23737	19.968	ug/l	98
95) Naphthalene	15.233	128	73045	20.120	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	32827	20.211	ug/l	97

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

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