

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
 Data File : VY012534.D
 Acq On : 08 Feb 2023 11:54
 Operator : KP/MD
 Sample : VY0208SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0208SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/09/2023
 Supervised By :Mahesh Dadoda 02/09/2023

Quant Time: Feb 09 07:12:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	140414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	209029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	189847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	89286	50.005	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.020%			
35) Dibromofluoromethane	7.716	113	77092	50.643	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.280%			
50) Toluene-d8	10.179	98	322103	50.836	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.680%			
62) 4-Bromofluorobenzene	12.483	95	107657	48.712	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	25194	23.524	ug/l	97
3) Chloromethane	2.113	50	23943	21.885	ug/l	98
4) Vinyl Chloride	2.253	62	29661	21.761	ug/l	97
5) Bromomethane	2.643	94	24414	22.978	ug/l	99
6) Chloroethane	2.790	64	20409	21.512	ug/l	98
7) Trichlorofluoromethane	3.125	101	58188	20.770	ug/l	94
8) Diethyl Ether	3.527	74	16699	20.102	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	29641	20.952	ug/l	98
10) Methyl Iodide	4.094	142	37953	20.694	ug/l	99
11) Tert butyl alcohol	4.948	59	18291	100.686	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	29001	20.747	ug/l	93
13) Acrolein	3.729	56	19840	94.518	ug/l	99
14) Allyl chloride	4.478	41	35098	20.593	ug/l	98
15) Acrylonitrile	5.161	53	37790	98.602	ug/l	99
16) Acetone	3.948	43	38853	90.408	ug/l	96
17) Carbon Disulfide	4.192	76	77826	21.465	ug/l	100
18) Methyl Acetate	4.478	43	19676	19.049	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	81433	19.909	ug/l	96
20) Methylene Chloride	4.716	84	41883	23.886	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	32671	21.431	ug/l	96
22) Diisopropyl ether	6.118	45	72679	20.972	ug/l	97
23) Vinyl Acetate	6.064	43	209929	100.483	ug/l	100
24) 1,1-Dichloroethane	6.015	63	51028	20.597	ug/l	99
25) 2-Butanone	6.984	43	45101	94.589	ug/l	99
26) 2,2-Dichloropropane	6.978	77	55969	20.562	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	37325	21.098	ug/l	98
28) Bromochloromethane	7.332	49	18486	20.527	ug/l	97
29) Tetrahydrofuran	7.350	42	24405	94.676	ug/l	98
30) Chloroform	7.508	83	60632	20.299	ug/l	99
31) Cyclohexane	7.783	56	42471	20.573	ug/l	93
32) 1,1,1-Trichloroethane	7.703	97	59611	20.566	ug/l	99
36) 1,1-Dichloropropene	7.917	75	42475	20.616	ug/l	100
37) Ethyl Acetate	7.076	43	17439	18.759	ug/l	99
38) Carbon Tetrachloride	7.899	117	57925	20.945	ug/l	98
39) Methylcyclohexane	9.185	83	51565	20.800	ug/l	98
40) Benzene	8.161	78	127336	20.926	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	9276m	18.213	ug/l	
42) 1,2-Dichloroethane	8.234	62	40836	20.705	ug/l	100
43) Isopropyl Acetate	8.270	43	33047	19.173	ug/l	98
44) Trichloroethene	8.941	130	38489	20.778	ug/l	100
45) 1,2-Dichloropropane	9.215	63	26697	20.233	ug/l	95
46) Dibromomethane	9.307	93	17695	20.253	ug/l	99
47) Bromodichloromethane	9.496	83	45258	19.979	ug/l	98
48) Methyl methacrylate	9.289	41	14926	18.945	ug/l	97
49) 1,4-Dioxane	9.301	88	4400	364.820	ug/l	100
51) 4-Methyl-2-Pentanone	10.069	43	90117	96.904	ug/l	98
52) Toluene	10.246	92	85347	20.682	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	46179	20.230	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	50302	20.363	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	26042	20.399	ug/l	96
56) Ethyl methacrylate	10.508	69	32019	19.963	ug/l	97
57) 1,3-Dichloropropane	10.788	76	41478	20.132	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	76593	106.244	ug/l	99
59) 2-Hexanone	10.831	43	65770	93.585	ug/l	98
60) Dibromochloromethane	10.983	129	35269	20.725	ug/l	100
61) 1,2-Dibromoethane	11.087	107	24007	20.070	ug/l	95
64) Tetrachloroethene	10.721	164	42677	21.532	ug/l	98
65) Chlorobenzene	11.514	112	92795	20.608	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	36492	20.681	ug/l	98
67) Ethyl Benzene	11.593	91	164890	20.859	ug/l	100
68) m/p-Xylenes	11.703	106	132912	42.122	ug/l	98
69) o-Xylene	12.032	106	62806	20.900	ug/l	99
70) Styrene	12.044	104	107214	21.037	ug/l	98
71) Bromoform	12.209	173	22956	20.582	ug/l #	99
73) Isopropylbenzene	12.331	105	170265	20.658	ug/l	99
74) N-amyl acetate	12.142	43	28461	19.076	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	25649	19.246	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	21972m	19.305	ug/l	
77) Bromobenzene	12.611	156	41123	20.585	ug/l	98
78) n-propylbenzene	12.672	91	194700	20.524	ug/l	100
79) 2-Chlorotoluene	12.757	91	111647	20.731	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	147057	20.726	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	10128	20.067	ug/l	98
82) 4-Chlorotoluene	12.855	91	116789	20.673	ug/l	100
83) tert-Butylbenzene	13.074	119	127387	20.474	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	144819	20.744	ug/l	99
85) sec-Butylbenzene	13.251	105	183696	20.637	ug/l	100
86) p-Isopropyltoluene	13.367	119	160404	20.773	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	82282	20.701	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	81373	20.438	ug/l	98
89) n-Butylbenzene	13.696	91	136133	20.628	ug/l	100
90) Hexachloroethane	13.958	117	29248	20.636	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	73241	20.483	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5140	19.381	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	44796	20.219	ug/l	98
94) Hexachlorobutadiene	15.111	225	28529	20.728	ug/l	98
95) Naphthalene	15.233	128	81545	19.173	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	37233	19.414	ug/l	99

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

