

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012604.D
 Acq On : 15 Feb 2023 10:59
 Operator : KP/MD
 Sample : VY0215SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0215SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

Quant Time: Feb 16 00:49:49 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	126781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	182442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	169700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	80774	50.102	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.200%			
35) Dibromofluoromethane	7.716	113	72705	54.721	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.440%			
50) Toluene-d8	10.179	98	297078	53.719	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.440%			
62) 4-Bromofluorobenzene	12.477	95	100946	52.332	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	20609	20.954	ug/l	98
3) Chloromethane	2.113	50	17994	18.216	ug/l	99
4) Vinyl Chloride	2.253	62	24686	20.059	ug/l	100
5) Bromomethane	2.643	94	19384	19.836	ug/l	97
6) Chloroethane	2.790	64	19047	22.235	ug/l	99
7) Trichlorofluoromethane	3.125	101	52449	20.734	ug/l	96
8) Diethyl Ether	3.527	74	14346	19.126	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	26539	20.776	ug/l	98
10) Methyl Iodide	4.088	142	27312	16.493	ug/l	98
11) Tert butyl alcohol	4.948	59	20104	124.609	ug/l #	75
12) 1,1-Dichloroethene	3.875	96	24710	19.578	ug/l	85
13) Acrolein	3.729	56	14051	74.137	ug/l	99
14) Allyl chloride	4.478	41	27236	17.699	ug/l	95
15) Acrylonitrile	5.155	53	32819	94.840	ug/l	99
16) Acetone	3.942	43	36063	92.940	ug/l	100
17) Carbon Disulfide	4.192	76	57789	17.653	ug/l	96
18) Methyl Acetate	4.472	43	16729	17.937	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	70715	19.147	ug/l	100
20) Methylene Chloride	4.710	84	32759	20.075	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	27718	20.137	ug/l	94
22) Diisopropyl ether	6.112	45	62411	19.945	ug/l	96
23) Vinyl Acetate	6.057	43	179767	95.299	ug/l	98
24) 1,1-Dichloroethane	6.015	63	44843	20.047	ug/l	98
25) 2-Butanone	6.984	43	39963	92.825	ug/l	95
26) 2,2-Dichloropropane	6.978	77	50378	20.498	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	32480	20.333	ug/l	99
28) Bromochloromethane	7.332	49	15642	19.237	ug/l	98
29) Tetrahydrofuran	7.344	42	20791	89.329	ug/l	94
30) Chloroform	7.508	83	56669	21.012	ug/l	99
31) Cyclohexane	7.783	56	35392	18.987	ug/l #	93
32) 1,1,1-Trichloroethane	7.703	97	54317	20.755	ug/l	99
36) 1,1-Dichloropropene	7.917	75	36184	20.122	ug/l	98
37) Ethyl Acetate	7.076	43	15420	19.004	ug/l	99
38) Carbon Tetrachloride	7.899	117	52168	21.612	ug/l	95
39) Methylcyclohexane	9.185	83	43361	20.039	ug/l	96
40) Benzene	8.161	78	110863	20.874	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	8696m	19.562	ug/l	
42) 1,2-Dichloroethane	8.234	62	36610	21.267	ug/l	99
43) Isopropyl Acetate	8.270	43	29516	19.620	ug/l	97
44) Trichloroethene	8.941	130	33835	20.928	ug/l	98
45) 1,2-Dichloropropane	9.215	63	24039	20.874	ug/l	99
46) Dibromomethane	9.307	93	15606	20.465	ug/l	97
47) Bromodichloromethane	9.496	83	42002	21.243	ug/l	99
48) Methyl methacrylate	9.289	41	13199	19.194	ug/l	96
49) 1,4-Dioxane	9.295	88	4467	424.349	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	80500	99.177	ug/l	99
52) Toluene	10.246	92	78730	21.859	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	41043	20.600	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	43825	20.327	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	23923	21.470	ug/l	98
56) Ethyl methacrylate	10.508	69	27860	19.902	ug/l	98
57) 1,3-Dichloropropane	10.788	76	37665	20.945	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	66480	105.655	ug/l	96
59) 2-Hexanone	10.831	43	60823	99.158	ug/l	100
60) Dibromochloromethane	10.983	129	32392	21.809	ug/l	99
61) 1,2-Dibromoethane	11.087	107	21910	20.986	ug/l	98
64) Tetrachloroethene	10.715	164	31323	17.680	ug/l	95
65) Chlorobenzene	11.514	112	85687	21.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	35266	22.359	ug/l	96
67) Ethyl Benzene	11.593	91	148797	21.058	ug/l	99
68) m/p-Xylenes	11.703	106	121988	43.250	ug/l	98
69) o-Xylene	12.026	106	58031	21.604	ug/l	100
70) Styrene	12.044	104	98191	21.554	ug/l	99
71) Bromoform	12.209	173	21760	21.826	ug/l #	100
73) Isopropylbenzene	12.331	105	159940	20.655	ug/l	98
74) N-amyl acetate	12.142	43	25943	18.508	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	26690	21.317	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	20734m	19.391	ug/l	
77) Bromobenzene	12.605	156	38422	20.472	ug/l	96
78) n-propylbenzene	12.672	91	186549	20.931	ug/l	100
79) 2-Chlorotoluene	12.757	91	104731	20.700	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	140196	21.032	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	7973	16.815	ug/l	98
82) 4-Chlorotoluene	12.855	91	109600	20.650	ug/l	100
83) tert-Butylbenzene	13.074	119	124590	21.314	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	137825	21.014	ug/l	99
85) sec-Butylbenzene	13.251	105	178500	21.345	ug/l	100
86) p-Isopropyltoluene	13.367	119	156203	21.532	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	78705	21.076	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	78604	21.014	ug/l	99
89) n-Butylbenzene	13.696	91	132366	21.349	ug/l	99
90) Hexachloroethane	13.958	117	27719	20.817	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	71256	21.211	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4697	18.851	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	43708	20.998	ug/l	99
94) Hexachlorobutadiene	15.111	225	27960	21.623	ug/l	97
95) Naphthalene	15.233	128	79665	19.937	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	38128	21.162	ug/l	98

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

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