

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072522\
 Data File : VY009688.D
 Acq On : 25 Jul 2022 16:37
 Operator : KP/MD
 Sample : VY0725SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

Quant Time: Jul 26 05:57:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	209513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	315006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	291129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	104090	52.531	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.060%			
35) Dibromofluoromethane	7.710	113	108313	54.579	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.160%			
50) Toluene-d8	10.173	98	409283	53.648	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 107.300%			
62) 4-Bromofluorobenzene	12.477	95	144106	58.294	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 116.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	34483	18.757	ug/l	97
3) Chloromethane	2.101	50	44884	16.475	ug/l	96
4) Vinyl Chloride	2.241	62	48392	16.986	ug/l	100
5) Bromomethane	2.625	94	32563	16.887	ug/l	94
6) Chloroethane	2.772	64	29355	16.963	ug/l	97
7) Trichlorofluoromethane	3.107	101	74747	22.141	ug/l	94
8) Diethyl Ether	3.515	74	23732	21.486	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.881	101	41394	20.968	ug/l	94
10) Methyl Iodide	4.070	142	49312	18.805	ug/l #	88
11) Tert butyl alcohol	4.954	59	19678	80.472	ug/l #	95
12) 1,1-Dichloroethene	3.851	96	39046	20.266	ug/l #	78
13) Acrolein	3.723	56	12599	88.938	ug/l	99
14) Allyl chloride	4.460	41	59138	19.842	ug/l #	92
15) Acrylonitrile	5.149	53	59137	108.405	ug/l	98
16) Acetone	3.936	43	45620	91.012	ug/l	92
17) Carbon Disulfide	4.174	76	104958	17.523	ug/l	99
18) Methyl Acetate	4.466	43	31476	22.370	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	110220	21.706	ug/l	95
20) Methylene Chloride	4.698	84	107042	40.866	ug/l	84
21) trans-1,2-Dichloroethene	5.198	96	44608	20.456	ug/l	86
22) Diisopropyl ether	6.106	45	135332	21.264	ug/l	93
23) Vinyl Acetate	6.045	43	415291	103.421	ug/l #	93
24) 1,1-Dichloroethane	6.003	63	78718	21.415	ug/l	98
25) 2-Butanone	6.978	43	74862	102.386	ug/l #	85
26) 2,2-Dichloropropane	6.966	77	69563	21.125	ug/l	93
27) cis-1,2-Dichloroethene	6.972	96	52066	21.595	ug/l	86
28) Bromochloromethane	7.326	49	30294	19.235	ug/l #	80
29) Tetrahydrofuran	7.344	42	50511	105.222	ug/l #	87
30) Chloroform	7.496	83	83671	22.251	ug/l	99
31) Cyclohexane	7.777	56	66449	19.019	ug/l #	87
32) 1,1,1-Trichloroethane	7.691	97	73572	21.813	ug/l	95
36) 1,1-Dichloropropene	7.905	75	60844	20.747	ug/l	96
37) Ethyl Acetate	7.064	43	35091	21.500	ug/l	95
38) Carbon Tetrachloride	7.887	117	67750	22.069	ug/l	97
39) Methylcyclohexane	9.173	83	71166	19.681	ug/l	93
40) Benzene	8.149	78	182635	21.284	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	16609m	21.207	ug/l	
42) 1,2-Dichloroethane	8.228	62	51907	21.563	ug/l	90
43) Isopropyl Acetate	8.265	43	63782	21.327	ug/l #	92
44) Trichloroethene	8.935	130	52328	21.442	ug/l	94
45) 1,2-Dichloropropane	9.209	63	45816	21.762	ug/l	94
46) Dibromomethane	9.295	93	27024	22.101	ug/l	95
47) Bromodichloromethane	9.490	83	64612	22.535	ug/l	98
48) Methyl methacrylate	9.283	41	27959	21.159	ug/l #	84
49) 1,4-Dioxane	9.295	88	7503	460.349	ug/l #	81
51) 4-Methyl-2-Pentanone	10.063	43	171972	110.745	ug/l	91
52) Toluene	10.240	92	118748	21.847	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	65323	22.059	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	73542	21.841	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	39351	22.852	ug/l	98
56) Ethyl methacrylate	10.508	69	49285	22.370	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	64656	22.626	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	106678	107.815	ug/l	92
59) 2-Hexanone	10.831	43	118363	109.591	ug/l	88
60) Dibromochloromethane	10.977	129	48551	23.300	ug/l	99
61) 1,2-Dibromoethane	11.087	107	38361	22.832	ug/l	99
64) Tetrachloroethene	10.715	164	50390	22.116	ug/l	96
65) Chlorobenzene	11.514	112	129361	21.745	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	49346	22.325	ug/l	97
67) Ethyl Benzene	11.587	91	223328	21.344	ug/l	97
68) m/p-Xylenes	11.697	106	179351	43.070	ug/l	91
69) o-Xylene	12.026	106	83500	21.427	ug/l	91
70) Styrene	12.038	104	142265	21.949	ug/l	95
71) Bromoform	12.203	173	32417	23.240	ug/l #	99
73) Isopropylbenzene	12.325	105	223033	20.793	ug/l	100
74) N-amyl acetate	12.142	43	57771	20.251	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	46639	21.711	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	31249m	21.174	ug/l	
77) Bromobenzene	12.605	156	56590	20.980	ug/l	90
78) n-propylbenzene	12.666	91	268574	20.722	ug/l	98
79) 2-Chlorotoluene	12.752	91	151154	21.034	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	188763	21.297	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	15871	21.205	ug/l	86
82) 4-Chlorotoluene	12.849	91	158291	21.233	ug/l	96
83) tert-Butylbenzene	13.075	119	167561	21.279	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	187411	21.143	ug/l	97
85) sec-Butylbenzene	13.251	105	246180	21.086	ug/l	99
86) p-Isopropyltoluene	13.367	119	207370	21.136	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	113551	21.281	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	112807	21.323	ug/l	98
89) n-Butylbenzene	13.696	91	189782	21.179	ug/l	99
90) Hexachloroethane	13.959	117	39653	20.978	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	101369	21.747	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7398	22.638	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	63699	21.773	ug/l	99
94) Hexachlorobutadiene	15.111	225	38287	22.060	ug/l	99
95) Naphthalene	15.233	128	122926	22.008	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	56510	21.989	ug/l	98

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

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