

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009740.D
 Acq On : 28 Jul 2022 10:56
 Operator : KP/MD
 Sample : VY0728SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022

Quant Time: Jul 29 02:54:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	190220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	284099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63843	50.474	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.940%			
35) Dibromofluoromethane	7.710	113	73429	47.523	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.040%			
50) Toluene-d8	10.179	98	220857	48.994	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 97.980%			
62) 4-Bromofluorobenzene	12.483	95	99812	48.717	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 97.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	33348	19.692	ug/l	98
3) Chloromethane	2.107	50	47998	23.149	ug/l	95
4) Vinyl Chloride	2.241	62	51858	22.412	ug/l	98
5) Bromomethane	2.631	94	38129	23.770	ug/l	98
6) Chloroethane	2.778	64	33194	23.981	ug/l	99
7) Trichlorofluoromethane	3.113	101	65232	21.341	ug/l	93
8) Diethyl Ether	3.521	74	20362	20.552	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.887	101	36140	20.909	ug/l	95
10) Methyl Iodide	4.076	142	42201	18.817	ug/l	89
11) Tert butyl alcohol	4.954	59	17294	91.900	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	33080	20.357	ug/l	80
13) Acrolein	3.716	56	3735	118.248	ug/l	97
14) Allyl chloride	4.466	41	50383	19.720	ug/l #	93
15) Acrylonitrile	5.149	53	51176	107.251	ug/l	97
16) Acetone	3.942	43	41669	91.619	ug/l	92
17) Carbon Disulfide	4.180	76	102622	20.526	ug/l	98
18) Methyl Acetate	4.466	43	25455	21.007	ug/l #	89
19) Methyl tert-butyl Ether	5.204	73	90978	20.502	ug/l	99
20) Methylene Chloride	4.698	84	59185	21.609	ug/l	83
21) trans-1,2-Dichloroethene	5.204	96	38583	20.434	ug/l	86
22) Diisopropyl ether	6.106	45	113537	20.867	ug/l	97
23) Vinyl Acetate	6.051	43	360167	102.926	ug/l #	95
24) 1,1-Dichloroethane	6.003	63	65856	20.885	ug/l	98
25) 2-Butanone	6.978	43	66280	98.787	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	57670	19.238	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	42586	20.107	ug/l	86
28) Bromochloromethane	7.319	49	22321	19.637	ug/l #	80
29) Tetrahydrofuran	7.338	42	44485	104.700	ug/l	90
30) Chloroform	7.496	83	67985	20.609	ug/l	95
31) Cyclohexane	7.777	56	59644	19.707	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	61032	20.612	ug/l	95
36) 1,1-Dichloropropene	7.911	75	52575	20.911	ug/l	97
37) Ethyl Acetate	7.063	43	30365	20.377	ug/l	95
38) Carbon Tetrachloride	7.893	117	56739	21.061	ug/l	95
39) Methylcyclohexane	9.179	83	61361	19.702	ug/l	91
40) Benzene	8.155	78	151937	20.395	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	13422m	17.679	ug/l	
42) 1,2-Dichloroethane	8.228	62	44672	21.509	ug/l	91
43) Isopropyl Acetate	8.264	43	54830	21.060	ug/l #	94
44) Trichloroethene	8.935	130	43105	20.171	ug/l	98
45) 1,2-Dichloropropane	9.209	63	37917	20.963	ug/l	97
46) Dibromomethane	9.301	93	22295	20.719	ug/l	93
47) Bromodichloromethane	9.490	83	53065	21.465	ug/l	99
48) Methyl methacrylate	9.289	41	24336	21.257	ug/l #	87
49) 1,4-Dioxane	9.289	88	6461	459.059	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	150187	113.398	ug/l	94
52) Toluene	10.240	92	99129	21.244	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	53644	21.012	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	61211	20.876	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	32202	21.164	ug/l	97
56) Ethyl methacrylate	10.508	69	38648	20.389	ug/l	84
57) 1,3-Dichloropropane	10.788	76	51015	20.616	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	64070	83.546	ug/l	93
59) 2-Hexanone	10.831	43	94191	99.791	ug/l	90
60) Dibromochloromethane	10.983	129	39333	21.373	ug/l	100
61) 1,2-Dibromoethane	11.087	107	30829	20.801	ug/l	99
64) Tetrachloroethene	10.715	164	42514	20.375	ug/l	97
65) Chlorobenzene	11.514	112	107089	20.166	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	40613	20.552	ug/l	98
67) Ethyl Benzene	11.593	91	180982	19.717	ug/l	96
68) m/p-Xylenes	11.703	106	147395	40.452	ug/l	90
69) o-Xylene	12.026	106	67921	19.933	ug/l	92
70) Styrene	12.044	104	115400	20.151	ug/l	94
71) Bromoform	12.209	173	27188	21.545	ug/l #	98
73) Isopropylbenzene	12.331	105	179222	19.262	ug/l	98
74) N-amyl acetate	12.142	43	43908	18.270	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	36284	19.825	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	26525m	20.402	ug/l	
77) Bromobenzene	12.605	156	46922	20.306	ug/l	85
78) n-propylbenzene	12.672	91	215767	19.513	ug/l	96
79) 2-Chlorotoluene	12.757	91	120140	19.198	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	152587	19.787	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	12700	19.471	ug/l	87
82) 4-Chlorotoluene	12.855	91	126783	19.475	ug/l	95
83) tert-Butylbenzene	13.074	119	132547	19.127	ug/l	90
84) 1,2,4-Trimethylbenzene	13.117	105	151670	19.514	ug/l	96
85) sec-Butylbenzene	13.251	105	198945	19.553	ug/l	98
86) p-Isopropyltoluene	13.367	119	168414	19.570	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	92560	19.838	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	92800	19.751	ug/l	99
89) n-Butylbenzene	13.696	91	155823	19.764	ug/l	99
90) Hexachloroethane	13.958	117	33479	19.777	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	82715	19.850	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6093	19.812	ug/l	72
93) 1,2,4-Trichlorobenzene	15.007	180	50687	19.273	ug/l	98
94) Hexachlorobutadiene	15.111	225	31622	19.859	ug/l	98
95) Naphthalene	15.239	128	97701	19.819	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	45122	19.616	ug/l	99

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

