

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009624.D
 Acq On : 21 Jul 2022 11:26
 Operator : KP/MD
 Sample : VY0721SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/22/2022
 Supervised By :Mahesh Dadoda 07/22/2022

Quant Time: Jul 22 02:28:19 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	216873	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	319427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	287612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102379	49.914	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.820%		
35) Dibromofluoromethane	7.710	113	105478	52.415	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.820%		
50) Toluene-d8	10.173	98	395737	51.154	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	102.300%		
62) 4-Bromofluorobenzene	12.477	95	135046	53.873	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	107.740%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	37190	19.543	ug/l	100
3) Chloromethane	2.107	50	52342	18.561	ug/l	97
4) Vinyl Chloride	2.241	62	63248	21.447	ug/l	98
5) Bromomethane	2.625	94	49066	24.582	ug/l	96
6) Chloroethane	2.778	64	40581	22.654	ug/l	99
7) Trichlorofluoromethane	3.107	101	77029	22.043	ug/l	94
8) Diethyl Ether	3.515	74	23987	20.980	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.881	101	44264	21.661	ug/l	94
10) Methyl Iodide	4.076	142	51711	19.050	ug/l	89
11) Tert butyl alcohol	4.954	59	18987	72.830	ug/l #	93
12) 1,1-Dichloroethene	3.857	96	41641	20.879	ug/l #	78
13) Acrolein	3.716	56	13088	89.255	ug/l	96
14) Allyl chloride	4.460	41	55979	18.145	ug/l #	92
15) Acrylonitrile	5.149	53	56325	99.746	ug/l	97
16) Acetone	3.936	43	45166	87.048	ug/l #	87
17) Carbon Disulfide	4.180	76	122476	19.754	ug/l	99
18) Methyl Acetate	4.466	43	27768	19.065	ug/l #	84
19) Methyl tert-butyl Ether	5.210	73	109291	20.792	ug/l	95
20) Methylene Chloride	4.698	84	62245	17.518	ug/l #	80
21) trans-1,2-Dichloroethene	5.204	96	47268	20.940	ug/l #	81
22) Diisopropyl ether	6.106	45	121775	18.485	ug/l #	93
23) Vinyl Acetate	6.045	43	382992	92.141	ug/l #	91
24) 1,1-Dichloroethane	6.003	63	76275	20.046	ug/l	97
25) 2-Butanone	6.978	43	70240	92.805	ug/l #	82
26) 2,2-Dichloropropane	6.972	77	70240	20.606	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	53040	21.253	ug/l	83
28) Bromochloromethane	7.326	49	27776	17.037	ug/l #	65
29) Tetrahydrofuran	7.344	42	46754	94.090	ug/l #	80
30) Chloroform	7.496	83	83336	21.410	ug/l	100
31) Cyclohexane	7.777	56	67571	18.683	ug/l #	81
32) 1,1,1-Trichloroethane	7.691	97	75986	21.764	ug/l	95
36) 1,1-Dichloropropene	7.911	75	62699	21.084	ug/l	94
37) Ethyl Acetate	7.063	43	31418	18.983	ug/l #	92
38) Carbon Tetrachloride	7.893	117	71767	23.054	ug/l	95
39) Methylcyclohexane	9.179	83	76773	20.938	ug/l #	87
40) Benzene	8.155	78	181535	20.863	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	14124m	17.784	ug/l	
42) 1,2-Dichloroethane	8.228	62	53295	21.833	ug/l	92
43) Isopropyl Acetate	8.264	43	59423	19.594	ug/l #	89
44) Trichloroethene	8.935	130	54855	22.166	ug/l	98
45) 1,2-Dichloropropane	9.209	63	43236	20.252	ug/l	93
46) Dibromomethane	9.301	93	26938	21.726	ug/l	93
47) Bromodichloromethane	9.490	83	63130	21.714	ug/l	99
48) Methyl methacrylate	9.289	41	25701	19.181	ug/l #	82
49) 1,4-Dioxane	9.295	88	7708	466.381	ug/l #	75
51) 4-Methyl-2-Pentanone	10.069	43	154541	98.143	ug/l #	88
52) Toluene	10.240	92	119450	21.672	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	63663	21.201	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	72473	21.226	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	39113	22.399	ug/l	95
56) Ethyl methacrylate	10.508	69	46914	20.999	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	62879	21.699	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	95086	98.191	ug/l #	89
59) 2-Hexanone	10.831	43	108115	98.717	ug/l	88
60) Dibromochloromethane	10.983	129	48570	22.986	ug/l	99
61) 1,2-Dibromoethane	11.087	107	38000	22.305	ug/l	100
64) Tetrachloroethene	10.715	164	53550	23.791	ug/l	99
65) Chlorobenzene	11.514	112	129672	22.063	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	49303	22.579	ug/l	97
67) Ethyl Benzene	11.587	91	221080	21.387	ug/l	97
68) m/p-Xylenes	11.697	106	180964	43.989	ug/l	90
69) o-Xylene	12.026	106	84390	21.920	ug/l	89
70) Styrene	12.044	104	141811	22.147	ug/l	94
71) Bromoform	12.203	173	31989	23.214	ug/l #	100
73) Isopropylbenzene	12.325	105	223080	21.655	ug/l	100
74) N-amyl acetate	12.142	43	51305	18.726	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	44205	21.427	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	29824m	21.042	ug/l	
77) Bromobenzene	12.605	156	57130	22.054	ug/l	85
78) n-propylbenzene	12.666	91	265458	21.326	ug/l	97
79) 2-Chlorotoluene	12.751	91	149749	21.698	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	186322	21.889	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	14789	20.574	ug/l	87
82) 4-Chlorotoluene	12.849	91	154246	21.543	ug/l	94
83) tert-Butylbenzene	13.075	119	165692	21.909	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	185623	21.805	ug/l	99
85) sec-Butylbenzene	13.251	105	242573	21.634	ug/l	98
86) p-Isopropyltoluene	13.367	119	203966	21.646	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	112624	21.978	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	112792	22.199	ug/l	98
89) n-Butylbenzene	13.696	91	184002	21.381	ug/l	99
90) Hexachloroethane	13.958	117	39782	21.914	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	100292	22.403	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7078	22.552	ug/l	66
93) 1,2,4-Trichlorobenzene	15.007	180	63614	22.641	ug/l	99
94) Hexachlorobutadiene	15.111	225	39282	23.567	ug/l	99
95) Naphthalene	15.233	128	121121	22.579	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	56834	23.027	ug/l	99

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

