

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008176.D
 Acq On : 04 Apr 2022 13:15
 Operator : SY/MD
 Sample : VY0404SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Apr 05 04:40:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

04/05/2022
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	158792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	274433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	247974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117552	50.000	ug/l	0.00

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System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77861	48.872	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.740%
35) Dibromofluoromethane	7.722	113	81290	47.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.480%
50) Toluene-d8	10.185	98	307809	47.483	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.483	95	103771	45.374	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.740%

04/05/2022

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	27929	19.511	ug/l	99
3) Chloromethane	2.113	50	38353	22.003	ug/l	92
4) Vinyl Chloride	2.253	62	49283	21.249	ug/l	100
5) Bromomethane	2.643	94	42886	22.563	ug/l	99
6) Chloroethane	2.790	64	32037	21.000	ug/l	93
7) Trichlorofluoromethane	3.125	101	56869	19.384	ug/l	94
8) Diethyl Ether	3.527	74	19211	20.220	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.899	101	34938	19.198	ug/l	92
10) Methyl Iodide	4.088	142	32225	16.343	ug/l	90
11) Tert butyl alcohol	4.960	59	14985	90.656	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	32542	19.315	ug/l #	79
13) Acrolein	3.729	56	10981	81.619	ug/l	98
14) Allyl chloride	4.478	41	44277	19.975	ug/l #	90
15) Acrylonitrile	5.161	53	47173	104.238	ug/l	97
16) Acetone	3.942	43	34524	94.807	ug/l #	86
17) Carbon Disulfide	4.192	76	95836	20.075	ug/l	99
18) Methyl Acetate	4.478	43	21643	17.953	ug/l #	84
19) Methyl tert-butyl Ether	5.222	73	94576	19.753	ug/l	93
20) Methylene Chloride	4.716	84	40989	19.230	ug/l #	74
21) trans-1,2-Dichloroethene	5.222	96	38836	19.908	ug/l #	78
22) Diisopropyl ether	6.118	45	98355	20.624	ug/l #	92
23) Vinyl Acetate	6.057	43	307407	104.029	ug/l #	90
24) 1,1-Dichloroethane	6.021	63	63403	20.082	ug/l	97
25) 2-Butanone	6.984	43	55632	100.391	ug/l #	78
26) 2,2-Dichloropropane	6.984	77	57600	19.264	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	44555	19.704	ug/l	82
28) Bromochloromethane	7.338	49	22286	22.087	ug/l #	74
29) Tetrahydrofuran	7.350	42	36754	102.017	ug/l #	74
30) Chloroform	7.508	83	68346	19.992	ug/l	99
31) Cyclohexane	7.783	56	57344	19.256	ug/l #	82
32) 1,1,1-Trichloroethane	7.704	97	61116	19.348	ug/l	95
36) 1,1-Dichloropropene	7.917	75	51947	19.220	ug/l	96
37) Ethyl Acetate	7.076	43	26087	20.661	ug/l #	92
38) Carbon Tetrachloride	7.905	117	52913	17.965	ug/l	98
39) Methylcyclohexane	9.185	83	66312	18.177	ug/l #	82
40) Benzene	8.161	78	151225	19.560	ug/l	96

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41) Methacrylonitrile	7.319	41	12577m	19.838	ug/l	
42) 1,2-Dichloroethane	8.234	62	42296	19.502	ug/l	
43) Isopropyl Acetate	8.270	43	47889	19.321	ug/l #	86
44) Trichloroethene	8.941	130	43275	19.357	ug/l	97
45) 1,2-Dichloropropane	9.215	63	35345	19.398	ug/l #	89
46) Dibromomethane	9.307	93	23311	19.457	ug/l	92
47) Bromodichloromethane	9.496	83	52063	19.004	ug/l	95
48) Methyl methacrylate	9.295	41	20233	18.430	ug/l #	77
49) 1,4-Dioxane	9.295	88	5923	371.895	ug/l #	78
51) 4-Methyl-2-Pentanone	10.075	43	125569	100.447	ug/l #	83
52) Toluene	10.246	92	99447	19.614	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	53859	19.179	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	60757	19.113	ug/l #	81
55) 1,1,2-Trichloroethane	10.648	97	32309	19.531	ug/l	98
56) Ethyl methacrylate	10.514	69	41214	19.099	ug/l #	74
57) 1,3-Dichloropropane	10.794	76	53320	19.693	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	82272	92.018	ug/l	92
59) 2-Hexanone	10.837	43	85887	98.184	ug/l	80
60) Dibromochloromethane	10.989	129	37244	18.511	ug/l	99
61) 1,2-Dibromoethane	11.093	107	32024	19.437	ug/l	99
64) Tetrachloroethene	10.721	164	35287	18.528	ug/l	98
65) Chlorobenzene	11.520	112	107017	19.140	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	38513	18.674	ug/l	97
67) Ethyl Benzene	11.593	91	189373	19.324	ug/l	99
68) m/p-Xylenes	11.703	106	149844	38.454	ug/l	92
69) o-Xylene	12.032	106	71558	19.179	ug/l	92
70) Styrene	12.044	104	116033	18.998	ug/l	95
71) Bromoform	12.209	173	22235	17.856	ug/l #	98
73) Isopropylbenzene	12.331	105	187059	19.279	ug/l	100
74) N-amyl acetate	12.148	43	40415	18.948	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.587	83	38176	20.242	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	31022m	21.649	ug/l	
77) Bromobenzene	12.611	156	42649	19.160	ug/l	95
78) n-propylbenzene	12.672	91	224867	19.648	ug/l	98
79) 2-Chlorotoluene	12.757	91	122820	19.345	ug/l	96
80) 1,3,5-Trimethylbenzene	12.818	105	152292	19.159	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	11893	18.518	ug/l #	82
82) 4-Chlorotoluene	12.855	91	126604	19.434	ug/l	96
83) tert-Butylbenzene	13.081	119	136789	19.316	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	148728	19.214	ug/l	96
85) sec-Butylbenzene	13.257	105	202123	19.336	ug/l	100
86) p-Isopropyltoluene	13.373	119	168400	19.358	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	83313	18.878	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	83713	19.021	ug/l	98
89) n-Butylbenzene	13.702	91	155777	19.463	ug/l	99
90) Hexachloroethane	13.965	117	29755	17.653	ug/l	80
91) 1,2-Dichlorobenzene	13.745	146	75281	19.375	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5598	18.597	ug/l	83
93) 1,2,4-Trichlorobenzene	15.013	180	42198	18.133	ug/l	98
94) Hexachlorobutadiene	15.117	225	22039	17.902	ug/l	99
95) Naphthalene	15.239	128	91611	17.809	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	36854	18.303	ug/l	98

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

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