

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008624.D
 Acq On : 04 May 2022 19:53
 Operator : KP/MD
 Sample : N2619-11MS
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB05-13-15-FTMS

Quant Time: May 05 04:38:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/05/2022
 Supervised By : Mahesh Dadoda 05/05/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	117367	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	185688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	153525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57004	49.972	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.940%		
35) Dibromofluoromethane	7.716	113	67095	54.607	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	109.220%		
50) Toluene-d8	10.179	98	231679	53.222	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.440%		
62) 4-Bromofluorobenzene	12.483	95	65910	41.310	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	82.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	55986	47.595	ug/l	99
3) Chloromethane	2.113	50	71314	52.157	ug/l	97
4) Vinyl Chloride	2.253	62	77918	47.399	ug/l	98
5) Bromomethane	2.649	94	65026	53.905	ug/l	95
6) Chloroethane	2.796	64	50511	47.946	ug/l	98
7) Trichlorofluoromethane	3.125	101	111791	50.280	ug/l	90
8) Diethyl Ether	3.527	74	36122	50.729	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.899	101	66841	51.139	ug/l	94
10) Methyl Iodide	4.088	142	62263	38.425	ug/l #	88
11) Tert butyl alcohol	4.954	59	27835	236.523	ug/l	98
12) 1,1-Dichloroethene	3.875	96	60691	49.277	ug/l #	78
13) Acrolein	3.729	56	29257	189.816	ug/l	99
14) Allyl chloride	4.478	41	76195	51.675	ug/l #	86
15) Acrylonitrile	5.161	53	82390	253.783	ug/l	98
16) Acetone	3.948	43	72812	296.244	ug/l #	81
17) Carbon Disulfide	4.192	76	156865	44.793	ug/l	98
18) Methyl Acetate	4.478	43	38037	54.456	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	177638	52.305	ug/l	94
20) Methylene Chloride	4.716	84	82376	57.265	ug/l #	77
21) trans-1,2-Dichloroethene	5.222	96	62886	44.946	ug/l #	75
22) Diisopropyl ether	6.118	45	196771	57.806	ug/l #	87
23) Vinyl Acetate	6.057	43	542135	243.882	ug/l #	89
24) 1,1-Dichloroethane	6.015	63	116475	54.283	ug/l	98
25) 2-Butanone	6.984	43	105744	268.031	ug/l #	73
26) 2,2-Dichloropropane	6.978	77	104338	50.770	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	76567	47.818	ug/l	81
28) Bromochloromethane	7.332	49	41431	50.498	ug/l #	63
29) Tetrahydrofuran	7.344	42	68412	261.448	ug/l #	77
30) Chloroform	7.502	83	124228	51.671	ug/l	99
31) Cyclohexane	7.783	56	106113	53.894	ug/l #	85
32) 1,1,1-Trichloroethane	7.703	97	115953	52.579	ug/l	93
36) 1,1-Dichloropropene	7.917	75	87146	45.611	ug/l	95
37) Ethyl Acetate	7.069	43	46674	47.635	ug/l #	92
38) Carbon Tetrachloride	7.899	117	106238	48.738	ug/l	99
39) Methylcyclohexane	9.185	83	119333	47.347	ug/l #	84
40) Benzene	8.161	78	276166	50.041	ug/l	95

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41) Methacrylonitrile	7.313	41	19549m	45.477	ug/l	
42) 1,2-Dichloroethane	8.234	62	70124	43.900	ug/l	85
43) Isopropyl Acetate	8.270	43	94001	52.727	ug/l #	89
44) Trichloroethene	8.941	130	73874	42.674	ug/l	95
45) 1,2-Dichloropropane	9.215	63	68884	53.503	ug/l	96
46) Dibromomethane	9.307	93	38938	43.324	ug/l	93
47) Bromodichloromethane	9.496	83	92918	47.447	ug/l	99
48) Methyl methacrylate	9.289	41	35212	44.934	ug/l #	74
49) 1,4-Dioxane	9.295	88	11491	1008.352	ug/l #	78
51) 4-Methyl-2-Pentanone	10.069	43	231824	247.745	ug/l #	84
52) Toluene	10.246	92	167123	45.306	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	77770	37.565	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	97558	42.416	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	58824	46.968	ug/l	98
56) Ethyl methacrylate	10.508	69	71197	45.002	ug/l #	71
57) 1,3-Dichloropropane	10.788	76	90656	45.344	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	167674	208.809	ug/l	91
59) 2-Hexanone	10.831	43	147621	231.654	ug/l	80
60) Dibromochloromethane	10.983	129	70672	45.111	ug/l	99
61) 1,2-Dibromoethane	11.087	107	50908	40.163	ug/l	99
64) Tetrachloroethene	10.721	164	74954	53.519	ug/l	97
65) Chlorobenzene	11.514	112	167676	45.342	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	77751	55.690	ug/l	97
67) Ethyl Benzene	11.593	91	307542	49.433	ug/l	96
68) m/p-Xylenes	11.703	106	239626	94.285	ug/l	89
69) o-Xylene	12.032	106	120344	49.408	ug/l	88
70) Styrene	12.044	104	176799	43.664	ug/l	94
71) Bromoform	12.209	173	43928	47.331	ug/l #	98
73) Isopropylbenzene	12.331	105	317969	63.136	ug/l	98
74) N-amyl acetate	12.142	43	63547	56.462	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	66187	64.944	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	37839m	54.908	ug/l	
77) Bromobenzene	12.611	156	69141	52.033	ug/l	88
78) n-propylbenzene	12.672	91	339207	57.879	ug/l	96
79) 2-Chlorotoluene	12.757	91	186479	56.515	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	249545	59.973	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	18533	54.524	ug/l #	79
82) 4-Chlorotoluene	12.855	91	172402	50.720	ug/l	93
83) tert-Butylbenzene	13.074	119	242126	64.968	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	232108	56.122	ug/l	95
85) sec-Butylbenzene	13.251	105	333455	60.711	ug/l	99
86) p-Isopropyltoluene	13.373	119	270678	58.047	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	117838	45.853	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	115144	45.424	ug/l	97
89) n-Butylbenzene	13.696	91	209655	51.043	ug/l	98
90) Hexachloroethane	13.964	117	56676	65.626	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	112655	49.121	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8967	57.813	ug/l	61
93) 1,2,4-Trichlorobenzene	15.007	180	50219	34.317	ug/l	97
94) Hexachlorobutadiene	15.111	225	41536	50.260	ug/l	97
95) Naphthalene	15.239	128	122900	41.881	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	49331	37.980	ug/l	100

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

