

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008552.D
 Acq On : 28 Apr 2022 16:56
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Apr 29 02:02:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						04/29/2022
1) Pentafluorobenzene	7.789	168	100829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	175378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	169859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88527	50.000	ug/l	0.00
System Monitoring Compounds						04/29/2022
33) 1,2-Dichloroethane-d4	8.142	65	63113	53.198	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.400%	
35) Dibromofluoromethane	7.715	113	61162	54.037	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.080%	
50) Toluene-d8	10.178	98	223818	49.637	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.280%	
62) 4-Bromofluorobenzene	12.483	95	79579	52.214	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.905	85	44938	49.079	ug/l	100
3) Chloromethane	2.113	50	76402	53.027	ug/l	93
4) Vinyl Chloride	2.253	62	103004	55.019	ug/l	99
5) Bromomethane	2.649	94	92631	53.213	ug/l	96
6) Chloroethane	2.796	64	68349	54.877	ug/l	98
7) Trichlorofluoromethane	3.125	101	99678	51.396	ug/l	96
8) Diethyl Ether	3.527	74	34035	50.989	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.899	101	60680	52.559	ug/l	95
10) Methyl Iodide	4.094	142	69633	45.921	ug/l	91
11) Tert butyl alcohol	4.954	59	32180	269.761	ug/l	97
12) 1,1-Dichloroethene	3.875	96	55429	50.855	ug/l	82
13) Acrolein	3.728	56	24953	197.554	ug/l	95
14) Allyl chloride	4.484	41	75693	53.205	ug/l #	87
15) Acrylonitrile	5.161	53	85549	250.663	ug/l	98
16) Acetone	3.948	43	60166	217.732	ug/l #	86
17) Carbon Disulfide	4.198	76	159301	48.343	ug/l	99
18) Methyl Acetate	4.478	43	37138	47.923	ug/l #	82
19) Methyl tert-butyl Ether	5.222	73	179704	52.107	ug/l	96
20) Methylene Chloride	4.716	84	72994	50.903	ug/l #	79
21) trans-1,2-Dichloroethene	5.222	96	68292	51.364	ug/l	86
22) Diisopropyl ether	6.118	45	184976	53.841	ug/l #	94
23) Vinyl Acetate	6.057	43	642566	272.804	ug/l #	88
24) 1,1-Dichloroethane	6.021	63	115900	54.196	ug/l	96
25) 2-Butanone	6.984	43	108284	253.294	ug/l #	81
26) 2,2-Dichloropropane	6.984	77	109258	55.162	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	83001	54.577	ug/l	82
28) Bromochloromethane	7.337	49	44247	51.293	ug/l #	70
29) Tetrahydrofuran	7.350	42	72216	262.273	ug/l #	76
30) Chloroform	7.508	83	130119	55.383	ug/l	100
31) Cyclohexane	7.789	56	99865	51.203	ug/l #	84
32) 1,1,1-Trichloroethane	7.703	97	116762	56.757	ug/l	96
36) 1,1-Dichloropropene	7.917	75	95047	52.792	ug/l	96
37) Ethyl Acetate	7.075	43	52201	52.426	ug/l #	93
38) Carbon Tetrachloride	7.898	117	103367	55.258	ug/l	99
39) Methylcyclohexane	9.185	83	125429	54.410	ug/l #	85
40) Benzene	8.160	78	284918	54.243	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	24276m	50.275	ug/l	
42) 1,2-Dichloroethane	8.240	62	84978	53.736	ug/l	
43) Isopropyl Acetate	8.270	43	99159	54.149	ug/l #	87
44) Trichloroethene	8.941	130	79558	54.977	ug/l	97
45) 1,2-Dichloropropane	9.215	63	70616	55.985	ug/l	96
46) Dibromomethane	9.307	93	47352	53.584	ug/l	93
47) Bromodichloromethane	9.496	83	105139	56.047	ug/l	99
48) Methyl methacrylate	9.294	41	42775	54.936	ug/l #	78
49) 1,4-Dioxane	9.300	88	12342	1107.555	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	263850	273.893	ug/l #	85
52) Toluene	10.245	92	192729	55.483	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	111221	55.286	ug/l	97
54) cis-1,3-Dichloropropene	9.928	75	120565	54.081	ug/l #	85
55) 1,1,2-Trichloroethane	10.648	97	65735	54.500	ug/l	97
56) Ethyl methacrylate	10.514	69	87652	56.283	ug/l #	77
57) 1,3-Dichloropropane	10.794	76	106766	54.226	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	206326	241.739	ug/l	91
59) 2-Hexanone	10.831	43	183241	276.414	ug/l	82
60) Dibromochloromethane	10.983	129	78800	56.865	ug/l	100
61) 1,2-Dibromoethane	11.093	107	65365	54.794	ug/l	100
64) Tetrachloroethene	10.721	164	68996	54.774	ug/l	99
65) Chlorobenzene	11.520	112	211970	55.190	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	80485	56.760	ug/l	97
67) Ethyl Benzene	11.593	91	373568	56.044	ug/l	97
68) m/p-Xylenes	11.702	106	302879	113.440	ug/l	92
69) o-Xylene	12.032	106	146490	56.990	ug/l	89
70) Styrene	12.044	104	246609	56.931	ug/l	94
71) Bromoform	12.209	173	49564	55.775	ug/l #	100
73) Isopropylbenzene	12.330	105	373928	55.710	ug/l	99
74) N-amyl acetate	12.141	43	92806	55.959	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.586	83	79679	53.130	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	51452m	44.909	ug/l	
77) Bromobenzene	12.611	156	87769	53.617	ug/l	94
78) n-propylbenzene	12.672	91	446042	55.402	ug/l	98
79) 2-Chlorotoluene	12.757	91	248979	54.947	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	317420	56.974	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	27300	55.280	ug/l #	84
82) 4-Chlorotoluene	12.855	91	261673	55.728	ug/l	96
83) tert-Butylbenzene	13.074	119	276949	57.263	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	320225	57.929	ug/l	97
85) sec-Butylbenzene	13.257	105	424382	58.143	ug/l	100
86) p-Isopropyltoluene	13.373	119	357134	58.425	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	180915	55.203	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	177401	54.645	ug/l	99
89) n-Butylbenzene	13.696	91	320701	57.804	ug/l	100
90) Hexachloroethane	13.964	117	65252	59.375	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	160081	54.934	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12381	54.935	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	88749	54.713	ug/l	99
94) Hexachlorobutadiene	15.117	225	45184	57.091	ug/l	98
95) Naphthalene	15.238	128	202664	55.114	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	78580	55.347	ug/l	98

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 Dadoda

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

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