

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007941.D
 Acq On : 19 Mar 2022 07:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 21 03:22:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

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 Dadoda
 03/21/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	194924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	372064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	349045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	171865	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	147326	66.288	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.580%	
35) Dibromofluoromethane	7.715	113	149747	57.309	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.620%	
50) Toluene-d8	10.178	98	495653	64.508	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 129.020%	
62) 4-Bromofluorobenzene	12.483	95	201290	53.676	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.360%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.905	85	58462	45.652	ug/l	96
3) Chloromethane	2.113	50	94446	61.496	ug/l	100
4) Vinyl Chloride	2.253	62	115396	59.214	ug/l	98
5) Bromomethane	2.643	94	100768	80.463	ug/l	95
6) Chloroethane	2.789	64	87938	55.166	ug/l	99
7) Trichlorofluoromethane	3.125	101	165504	46.309	ug/l	94
8) Diethyl Ether	3.527	74	76404	57.603	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.899	101	109377	47.383	ug/l	91
10) Methyl Iodide	4.088	142	97934	45.897	ug/l	91
11) Tert butyl alcohol	4.954	59	92036	355.465	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	101121	47.775	ug/l	87
13) Acrolein	3.728	56	18533	118.842	ug/l	95
14) Allyl chloride	4.472	41	190138	53.408	ug/l #	91
15) Acrylonitrile	5.161	53	238690	337.673	ug/l	97
16) Acetone	3.948	43	174770	296.424	ug/l #	88
17) Carbon Disulfide	4.192	76	215868	53.913	ug/l	99
18) Methyl Acetate	4.472	43	102633	76.162	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	429402	64.675	ug/l	99
20) Methylene Chloride	4.716	84	151532	67.911	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	122074	51.517	ug/l	88
22) Diisopropyl ether	6.118	45	476869	62.261	ug/l #	94
23) Vinyl Acetate	6.057	43	1612672	336.169	ug/l #	93
24) 1,1-Dichloroethane	6.014	63	255447	59.212	ug/l	99
25) 2-Butanone	6.984	43	305713	323.712	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	183658	45.932	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	166076	58.391	ug/l	86
28) Bromochloromethane	7.331	49	107579	63.133	ug/l	90
29) Tetrahydrofuran	7.343	42	200648	331.586	ug/l #	87
30) Chloroform	7.508	83	274588	61.579	ug/l	98
31) Cyclohexane	7.782	56	172676	53.799	ug/l	90
32) 1,1,1-Trichloroethane	7.703	97	223227	55.581	ug/l	97
36) 1,1-Dichloropropene	7.917	75	172105	44.408	ug/l	98
37) Ethyl Acetate	7.075	43	136951	57.913	ug/l #	94
38) Carbon Tetrachloride	7.898	117	186577	45.053	ug/l	96
39) Methylcyclohexane	9.185	83	200057	46.372	ug/l	91
40) Benzene	8.160	78	552512	48.786	ug/l	97

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41) Methacrylonitrile	7.313	41	75904m	52.047	ug/l	
42) 1,2-Dichloroethane	8.234	62	179712	54.806	ug/l	92
43) Isopropyl Acetate	8.270	43	259869	57.002	ug/l #	92
44) Trichloroethene	8.941	130	146980	46.934	ug/l	93
45) 1,2-Dichloropropane	9.215	63	153220	52.249	ug/l	97
46) Dibromomethane	9.307	93	95024	55.392	ug/l	91
47) Bromodichloromethane	9.496	83	226508	54.655	ug/l	97
48) Methyl methacrylate	9.294	41	112104	55.278	ug/l #	85
49) 1,4-Dioxane	9.294	88	29729	1223.648	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	697129	290.235	ug/l	89
52) Toluene	10.245	92	358348	49.270	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	223350	50.519	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	245739	49.844	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	139500	55.972	ug/l	96
56) Ethyl methacrylate	10.508	69	200718	56.098	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	228586	54.998	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	506188	288.388	ug/l	95
59) 2-Hexanone	10.831	43	486975	283.511	ug/l	88
60) Dibromochloromethane	10.983	129	164866	55.232	ug/l	99
61) 1,2-Dibromoethane	11.087	107	131638	54.596	ug/l	100
64) Tetrachloroethene	10.721	164	114681	42.222	ug/l	94
65) Chlorobenzene	11.513	112	409415	48.965	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	161113	51.178	ug/l	97
67) Ethyl Benzene	11.593	91	696992	46.796	ug/l	98
68) m/p-Xylenes	11.702	106	540271	92.990	ug/l	94
69) o-Xylene	12.032	106	271861	48.375	ug/l	93
70) Styrene	12.044	104	467485	49.477	ug/l	97
71) Bromoform	12.208	173	104791	51.969	ug/l #	99
73) Isopropylbenzene	12.330	105	699436	46.235	ug/l	99
74) N-amyl acetate	12.141	43	235239	52.707	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.580	83	177278	54.440	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	129218m	52.749	ug/l	
77) Bromobenzene	12.611	156	167089	48.334	ug/l	98
78) n-propylbenzene	12.672	91	833787	45.644	ug/l	98
79) 2-Chlorotoluene	12.757	91	491719	47.844	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	579855	46.610	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	55303	47.418	ug/l #	83
82) 4-Chlorotoluene	12.855	91	503733	47.181	ug/l	99
83) tert-Butylbenzene	13.074	119	527840	47.413	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	579906	47.552	ug/l	99
85) sec-Butylbenzene	13.251	105	768726	46.075	ug/l	99
86) p-Isopropyltoluene	13.367	119	626984	46.290	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	327018	48.437	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	330853	48.894	ug/l	98
89) n-Butylbenzene	13.696	91	575942	44.308	ug/l	98
90) Hexachloroethane	13.958	117	131272	48.556	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	308354	50.775	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.354	75	28983	51.735	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	170606	44.441	ug/l	97
94) Hexachlorobutadiene	15.110	225	79625	38.878	ug/l	99
95) Naphthalene	15.238	128	457278	53.389	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	156866	46.329	ug/l	97

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

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