

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
 Data File : VY011710.D
 Acq On : 06 Dec 2022 10:56
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/07/2022
 Supervised By :Mahesh Dadoda 12/07/2022

Quant Time: Dec 06 23:38:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	194516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	294938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	267665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	97775	49.504	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.000%		
35) Dibromofluoromethane	7.716	113	97325	53.604	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.200%		
50) Toluene-d8	10.179	98	327987	49.712	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.420%		
62) 4-Bromofluorobenzene	12.483	95	126023	51.661	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.320%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	54187	52.107	ug/l	99
3) Chloromethane	2.119	50	74389	44.492	ug/l	97
4) Vinyl Chloride	2.253	62	88024	40.009	ug/l	95
5) Bromomethane	2.650	94	61423	43.188	ug/l	96
6) Chloroethane	2.796	64	60429	39.367	ug/l	100
7) Trichlorofluoromethane	3.131	101	159167	49.321	ug/l	93
8) Diethyl Ether	3.534	74	55768	53.469	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.905	101	95404	51.124	ug/l	97
10) Methyl Iodide	4.094	142	115433	53.093	ug/l	96
11) Tert butyl alcohol	4.948	59	63121	301.158	ug/l	99
12) 1,1-Dichloroethene	3.875	96	87767	51.344	ug/l	92
13) Acrolein	3.729	56	9881	189.732	ug/l	99
14) Allyl chloride	4.485	41	151016	50.325	ug/l	92
15) Acrylonitrile	5.161	53	153724	269.840	ug/l	98
16) Acetone	3.948	43	181997	283.683	ug/l #	87
17) Carbon Disulfide	4.198	76	215014	45.384	ug/l	100
18) Methyl Acetate	4.479	43	75160	50.710	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	274376	56.242	ug/l	99
20) Methylene Chloride	4.716	84	122172	51.107	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	100189	50.720	ug/l	91
22) Diisopropyl ether	6.125	45	331058	50.542	ug/l	91
23) Vinyl Acetate	6.064	43	1016713	266.465	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	193064	50.200	ug/l	99
25) 2-Butanone	6.984	43	222351	263.718	ug/l #	90
26) 2,2-Dichloropropane	6.984	77	182844	51.512	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	122140	52.521	ug/l	92
28) Bromochloromethane	7.332	49	72164	46.707	ug/l	86
29) Tetrahydrofuran	7.344	42	122443	257.152	ug/l #	88
30) Chloroform	7.508	83	206903	51.877	ug/l	100
31) Cyclohexane	7.783	56	150638	46.014	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	186874	52.377	ug/l	96
36) 1,1-Dichloropropene	7.917	75	145726	51.347	ug/l	99
37) Ethyl Acetate	7.069	43	82886	51.288	ug/l	95
38) Carbon Tetrachloride	7.905	117	168796	53.161	ug/l	99
39) Methylcyclohexane	9.185	83	163821	51.725	ug/l	93
40) Benzene	8.161	78	427284	51.685	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	37101m	45.405	ug/l	
42) 1,2-Dichloroethane	8.234	62	131961	51.613	ug/l	95
43) Isopropyl Acetate	8.271	43	149396	51.244	ug/l #	92
44) Trichloroethene	8.941	130	117264	52.719	ug/l	100
45) 1,2-Dichloropropane	9.215	63	108393	51.295	ug/l	94
46) Dibromomethane	9.307	93	61006	51.633	ug/l	98
47) Bromodichloromethane	9.496	83	158484	53.252	ug/l	99
48) Methyl methacrylate	9.295	41	67228	51.916	ug/l #	85
49) 1,4-Dioxane	9.295	88	16265	1111.586	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	431817	266.445	ug/l	91
52) Toluene	10.246	92	273913	52.395	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	157749	53.026	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	177313	52.981	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	87947	52.028	ug/l	96
56) Ethyl methacrylate	10.514	69	118378	56.308	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	150395	52.534	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	272921	265.069	ug/l	95
59) 2-Hexanone	10.831	43	318717	275.539	ug/l	89
60) Dibromochloromethane	10.983	129	111352	53.753	ug/l	99
61) 1,2-Dibromoethane	11.087	107	81716	52.961	ug/l	98
64) Tetrachloroethene	10.721	164	115271	52.260	ug/l	98
65) Chlorobenzene	11.520	112	293547	52.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	116154	54.677	ug/l	99
67) Ethyl Benzene	11.593	91	535205	52.884	ug/l	99
68) m/p-Xylenes	11.703	106	410969	106.677	ug/l	96
69) o-Xylene	12.032	106	196021	54.651	ug/l	95
70) Styrene	12.044	104	334212	54.588	ug/l	97
71) Bromoform	12.209	173	70233	54.343	ug/l #	98
73) Isopropylbenzene	12.331	105	537966	56.208	ug/l	99
74) N-amyl acetate	12.142	43	126067	53.339	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	99875	52.957	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	83454m	58.557	ug/l	
77) Bromobenzene	12.611	156	120522	53.929	ug/l	96
78) n-propylbenzene	12.672	91	641023	54.899	ug/l	99
79) 2-Chlorotoluene	12.758	91	354444	53.857	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	448329	55.570	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	36441	56.006	ug/l	89
82) 4-Chlorotoluene	12.855	91	363278	52.790	ug/l	100
83) tert-Butylbenzene	13.075	119	401779	57.174	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	440538	55.286	ug/l	99
85) sec-Butylbenzene	13.257	105	580118	55.328	ug/l	99
86) p-Isopropyltoluene	13.373	119	487364	55.695	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	241376	53.058	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	236847	52.066	ug/l	99
89) n-Butylbenzene	13.696	91	443916	55.185	ug/l	100
90) Hexachloroethane	13.959	117	92484	52.337	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	213630	52.975	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17539	56.706	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	124108	55.485	ug/l	98
94) Hexachlorobutadiene	15.111	225	77328	55.616	ug/l	98
95) Naphthalene	15.239	128	252513	53.541	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	108269	56.481	ug/l	99

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

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