

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011563.D
 Acq On : 23 Nov 2022 09:47
 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 11/28/2022
 Supervised By :Mahesh Dadoda 11/28/2022

Quant Time: Nov 24 00:36:05 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	193193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	303124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	277115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	100873	51.422	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.840%			
35) Dibromofluoromethane	7.722	113	97740	52.379	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.760%			
50) Toluene-d8	10.185	98	349594	51.556	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.120%			
62) 4-Bromofluorobenzene	12.483	95	133621	53.297	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	49785	47.578	ug/l	98
3) Chloromethane	2.119	50	87541	53.616	ug/l	95
4) Vinyl Chloride	2.259	62	103849	47.525	ug/l	99
5) Bromomethane	2.656	94	70582	50.649	ug/l	95
6) Chloroethane	2.802	64	69975	45.898	ug/l	100
7) Trichlorofluoromethane	3.131	101	161681	50.443	ug/l	90
8) Diethyl Ether	3.533	74	55423	53.502	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.905	101	97242	52.466	ug/l	95
10) Methyl Iodide	4.094	142	116348	53.880	ug/l	95
11) Tert butyl alcohol	4.954	59	47317	218.956	ug/l #	93
12) 1,1-Dichloroethene	3.881	96	88550	52.157	ug/l	91
13) Acrolein	3.735	56	10087	195.014	ug/l	98
14) Allyl chloride	4.484	41	167575	56.226	ug/l	93
15) Acrylonitrile	5.167	53	157177	277.791	ug/l	99
16) Acetone	3.948	43	185865	291.696	ug/l	94
17) Carbon Disulfide	4.198	76	240396	51.089	ug/l	99
18) Methyl Acetate	4.484	43	80248	54.706	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	274046	56.559	ug/l	97
20) Methylene Chloride	4.716	84	115750	48.117	ug/l	91
21) trans-1,2-Dichloroethene	5.228	96	104511	53.270	ug/l	93
22) Diisopropyl ether	6.118	45	377166	57.975	ug/l	97
23) Vinyl Acetate	6.063	43	1144243	301.942	ug/l	97
24) 1,1-Dichloroethane	6.021	63	205090	53.692	ug/l	98
25) 2-Butanone	6.990	43	238186	284.433	ug/l	94
26) 2,2-Dichloropropane	6.984	77	186179	52.811	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	126495	54.767	ug/l	94
28) Bromochloromethane	7.338	49	83669	54.525	ug/l	96
29) Tetrahydrofuran	7.350	42	135765	287.083	ug/l	94
30) Chloroform	7.508	83	215576	54.421	ug/l	99
31) Cyclohexane	7.789	56	172496	53.051	ug/l	98
32) 1,1,1-Trichloroethane	7.703	97	186805	52.717	ug/l	97
36) 1,1-Dichloropropene	7.923	75	155560	53.332	ug/l	99
37) Ethyl Acetate	7.075	43	91253	54.941	ug/l	97
38) Carbon Tetrachloride	7.905	117	169354	51.896	ug/l	96
39) Methylcyclohexane	9.185	83	180340	55.403	ug/l	96
40) Benzene	8.161	78	455336	53.591	ug/l	96

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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)
41) Methacrylonitrile	7.313	41	45518m	54.202	ug/l	
42) 1,2-Dichloroethane	8.240	62	137172	52.202	ug/l	94
43) Isopropyl Acetate	8.276	43	166576	55.594	ug/l	94
44) Trichloroethene	8.941	130	119093	52.095	ug/l	94
45) 1,2-Dichloropropane	9.215	63	120045	55.275	ug/l	95
46) Dibromomethane	9.307	93	64361	53.001	ug/l	96
47) Bromodichloromethane	9.496	83	164393	53.745	ug/l	96
48) Methyl methacrylate	9.295	41	78799	59.208	ug/l	89
49) 1,4-Dioxane	9.301	88	17043	1133.302	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	478125	287.051	ug/l	95
52) Toluene	10.246	92	292283	54.399	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	164366	53.758	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	186638	54.261	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	92623	53.314	ug/l	98
56) Ethyl methacrylate	10.514	69	126733	58.654	ug/l	87
57) 1,3-Dichloropropane	10.794	76	160140	54.428	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	269919	255.074	ug/l	100
59) 2-Hexanone	10.837	43	353152	297.064	ug/l	92
60) Dibromochloromethane	10.989	129	114934	53.984	ug/l	100
61) 1,2-Dibromoethane	11.093	107	85039	53.626	ug/l	99
64) Tetrachloroethene	10.721	164	119267	52.228	ug/l	97
65) Chlorobenzene	11.520	112	310739	53.550	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	118301	53.789	ug/l	98
67) Ethyl Benzene	11.593	91	582868	55.630	ug/l	98
68) m/p-Xylenes	11.703	106	441788	110.766	ug/l	97
69) o-Xylene	12.032	106	211878	57.058	ug/l	96
70) Styrene	12.050	104	359427	56.705	ug/l	97
71) Bromoform	12.209	173	71424	53.380	ug/l #	99
73) Isopropylbenzene	12.331	105	574566	56.192	ug/l	99
74) N-amyl acetate	12.148	43	147219	58.304	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.587	83	107539	53.373	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	79992m	52.537	ug/l	
77) Bromobenzene	12.611	156	127175	53.265	ug/l	100
78) n-propylbenzene	12.672	91	700980	56.193	ug/l	100
79) 2-Chlorotoluene	12.757	91	393128	55.914	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	484091	56.164	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	38188	54.936	ug/l	91
82) 4-Chlorotoluene	12.855	91	403296	54.857	ug/l	99
83) tert-Butylbenzene	13.080	119	422923	56.333	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	482460	56.674	ug/l	100
85) sec-Butylbenzene	13.257	105	632289	56.446	ug/l	99
86) p-Isopropyltoluene	13.373	119	529576	56.647	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	260311	53.559	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	256318	52.742	ug/l	98
89) n-Butylbenzene	13.702	91	491749	57.221	ug/l	100
90) Hexachloroethane	13.964	117	100285	53.122	ug/l	88
91) 1,2-Dichlorobenzene	13.745	146	230566	53.517	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17622	53.330	ug/l	89
93) 1,2,4-Trichlorobenzene	15.013	180	135825	56.839	ug/l	99
94) Hexachlorobutadiene	15.117	225	81825	55.086	ug/l	99
95) Naphthalene	15.239	128	270019	53.586	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	116202	56.742	ug/l	98

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

