

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011247.D
 Acq On : 02 Nov 2022 02:16
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

Quant Time: Nov 02 03:07:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	258278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	411374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	374284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	181861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	133336	48.270	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.540%		
35) Dibromofluoromethane	7.710	113	137156	51.893	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.780%		
50) Toluene-d8	10.179	98	520410	50.713	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.420%		
62) 4-Bromofluorobenzene	12.477	95	183057	51.384	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	100359	49.103	ug/l	100
3) Chloromethane	2.107	50	132758	46.355	ug/l	96
4) Vinyl Chloride	2.247	62	156725	48.990	ug/l	100
5) Bromomethane	2.644	94	105633	49.493	ug/l	99
6) Chloroethane	2.790	64	102455	49.839	ug/l	100
7) Trichlorofluoromethane	3.119	101	240228	50.828	ug/l	92
8) Diethyl Ether	3.521	74	85574	50.459	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.893	101	148436	52.238	ug/l	94
10) Methyl Iodide	4.082	142	188635	51.571	ug/l	91
11) Tert butyl alcohol	4.948	59	78871	280.232	ug/l	97
12) 1,1-Dichloroethene	3.863	96	145324	51.727	ug/l	83
13) Acrolein	3.723	56	28502	188.577	ug/l	99
14) Allyl chloride	4.473	41	211705	49.747	ug/l #	84
15) Acrylonitrile	5.155	53	212301	249.478	ug/l	97
16) Acetone	3.942	43	148201	177.735	ug/l #	79
17) Carbon Disulfide	4.186	76	463691	50.251	ug/l	100
18) Methyl Acetate	4.466	43	104280	47.238	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	383074	51.312	ug/l	97
20) Methylene Chloride	4.710	84	173475	50.969	ug/l #	84
21) trans-1,2-Dichloroethene	5.210	96	166406	52.076	ug/l	89
22) Diisopropyl ether	6.112	45	451136	51.131	ug/l #	90
23) Vinyl Acetate	6.051	43	1371209	254.620	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	283820	51.366	ug/l	99
25) 2-Butanone	6.978	43	254286	216.739	ug/l #	83
26) 2,2-Dichloropropane	6.978	77	220740	43.690	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	183300	52.060	ug/l	86
28) Bromochloromethane	7.332	49	104258	49.122	ug/l #	83
29) Tetrahydrofuran	7.344	42	171684	251.363	ug/l #	82
30) Chloroform	7.502	83	289121	51.808	ug/l	99
31) Cyclohexane	7.783	56	258336	50.458	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	257250	51.972	ug/l	95
36) 1,1-Dichloropropene	7.911	75	228375	52.910	ug/l	98
37) Ethyl Acetate	7.070	43	117467	50.485	ug/l #	92
38) Carbon Tetrachloride	7.893	117	238351	53.228	ug/l	99
39) Methylcyclohexane	9.179	83	285630	54.394	ug/l	91
40) Benzene	8.155	78	661214	52.124	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	67183m	53.139	ug/l	
42) 1,2-Dichloroethane	8.234	62	175455	50.934	ug/l	90
43) Isopropyl Acetate	8.271	43	206306	50.326	ug/l #	87
44) Trichloroethene	8.935	130	179453	52.860	ug/l	98
45) 1,2-Dichloropropane	9.209	63	162054	51.673	ug/l	96
46) Dibromomethane	9.301	93	91500	51.637	ug/l	97
47) Bromodichloromethane	9.490	83	219764	52.318	ug/l	100
48) Methyl methacrylate	9.289	41	98512	52.318	ug/l #	76
49) 1,4-Dioxane	9.289	88	25685	1077.466	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	581936	261.077	ug/l #	86
52) Toluene	10.240	92	418145	53.160	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	221420	50.052	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	256103	50.594	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	128936	50.770	ug/l	98
56) Ethyl methacrylate	10.508	69	181151	54.001	ug/l #	74
57) 1,3-Dichloropropane	10.788	76	224794	51.712	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	406450	258.448	ug/l	95
59) 2-Hexanone	10.831	43	401433	252.263	ug/l	82
60) Dibromochloromethane	10.984	129	157145	52.079	ug/l	100
61) 1,2-Dibromoethane	11.087	107	125871	52.206	ug/l	99
64) Tetrachloroethene	10.715	164	175247	55.121	ug/l	96
65) Chlorobenzene	11.514	112	438240	53.072	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	163729	53.850	ug/l	97
67) Ethyl Benzene	11.587	91	793335	54.161	ug/l	99
68) m/p-Xylenes	11.697	106	609693	107.228	ug/l	96
69) o-Xylene	12.026	106	290986	54.595	ug/l	94
70) Styrene	12.038	104	493462	54.614	ug/l	96
71) Bromoform	12.203	173	100191	53.018	ug/l #	98
73) Isopropylbenzene	12.325	105	765278	56.282	ug/l	100
74) N-amyl acetate	12.142	43	182540	53.481	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	148101	52.636	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	102029m	46.083	ug/l	
77) Bromobenzene	12.605	156	177041	55.354	ug/l	97
78) n-propylbenzene	12.666	91	915073	54.999	ug/l	99
79) 2-Chlorotoluene	12.752	91	515830	54.109	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	636497	55.319	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	50278	48.600	ug/l #	83
82) 4-Chlorotoluene	12.849	91	526315	53.574	ug/l	99
83) tert-Butylbenzene	13.069	119	562385	56.726	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	623073	54.753	ug/l	98
85) sec-Butylbenzene	13.251	105	816162	55.524	ug/l	100
86) p-Isopropyltoluene	13.367	119	675955	55.171	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	338176	52.731	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	334090	51.941	ug/l	98
89) n-Butylbenzene	13.690	91	612783	53.561	ug/l	99
90) Hexachloroethane	13.959	117	131794	53.788	ug/l	90
91) 1,2-Dichlorobenzene	13.733	146	304385	53.135	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24914	51.689	ug/l	80
93) 1,2,4-Trichlorobenzene	15.001	180	185322	53.525	ug/l	97
94) Hexachlorobutadiene	15.105	225	105950	52.554	ug/l	100
95) Naphthalene	15.233	128	408321	50.403	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	162390	53.369	ug/l	97

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

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