

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020923\
 Data File : VY012568.D
 Acq On : 09 Feb 2023 18:04
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/10/2023
 Supervised By :Mahesh Dadoda 02/10/2023

Quant Time: Feb 10 06:00:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	136579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	199420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	190537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	91522	52.697	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.400%			
35) Dibromofluoromethane	7.716	113	78062	53.751	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.500%			
50) Toluene-d8	10.179	98	320963	53.097	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.200%			
62) 4-Bromofluorobenzene	12.477	95	111149	52.715	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	41373	42.332	ug/l	98
3) Chloromethane	2.113	50	42677	40.104	ug/l	99
4) Vinyl Chloride	2.253	62	56265	42.439	ug/l	99
5) Bromomethane	2.650	94	46736	48.186	ug/l	95
6) Chloroethane	2.796	64	41523	44.996	ug/l	99
7) Trichlorofluoromethane	3.125	101	123556	45.341	ug/l	98
8) Diethyl Ether	3.528	74	39291	48.625	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.900	101	64113	46.591	ug/l	100
10) Methyl Iodide	4.088	142	84206	47.202	ug/l	99
11) Tert butyl alcohol	4.954	59	37319	221.517	ug/l	96
12) 1,1-Dichloroethene	3.869	96	61218	45.024	ug/l	99
13) Acrolein	3.729	56	48290	236.514	ug/l	97
14) Allyl chloride	4.479	41	75719	45.674	ug/l	99
15) Acrylonitrile	5.161	53	98674	264.690	ug/l	100
16) Acetone	3.942	43	107076	256.154	ug/l	100
17) Carbon Disulfide	4.198	76	144797	41.057	ug/l	99
18) Methyl Acetate	4.473	43	48748	48.518	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	204086	51.295	ug/l	100
20) Methylene Chloride	4.716	84	80111	51.420	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	69240	46.694	ug/l	97
22) Diisopropyl ether	6.119	45	170114	50.465	ug/l	99
23) Vinyl Acetate	6.058	43	536558	264.037	ug/l	98
24) 1,1-Dichloroethane	6.021	63	115210	47.810	ug/l	98
25) 2-Butanone	6.984	43	120205	259.180	ug/l	99
26) 2,2-Dichloropropane	6.978	77	122018	46.086	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	83002	48.234	ug/l	99
28) Bromochloromethane	7.332	49	47858	54.635	ug/l	99
29) Tetrahydrofuran	7.344	42	68812	274.443	ug/l	97
30) Chloroform	7.509	83	143178	49.281	ug/l	97
31) Cyclohexane	7.783	56	88305	43.976	ug/l	99
32) 1,1,1-Trichloroethane	7.698	97	137144	48.644	ug/l	100
36) 1,1-Dichloropropene	7.917	75	94319	47.986	ug/l	100
37) Ethyl Acetate	7.070	43	46419	52.338	ug/l	99
38) Carbon Tetrachloride	7.899	117	129524	49.091	ug/l	99
39) Methylcyclohexane	9.185	83	111962	47.338	ug/l	99
40) Benzene	8.161	78	281925	48.563	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	21974m	45.223	ug/l	
42) 1,2-Dichloroethane	8.234	62	97215	51.665	ug/l	99
43) Isopropyl Acetate	8.271	43	89873	54.653	ug/l	98
44) Trichloroethene	8.941	130	87908	49.743	ug/l	98
45) 1,2-Dichloropropane	9.216	63	62120	49.348	ug/l	99
46) Dibromomethane	9.307	93	43386	52.052	ug/l	99
47) Bromodichloromethane	9.496	83	112557	52.081	ug/l	99
48) Methyl methacrylate	9.289	41	40810	54.294	ug/l	96
49) 1,4-Dioxane	9.295	88	13436	1167.706	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	257311	290.022	ug/l	99
52) Toluene	10.240	92	195674	49.703	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	113416	52.079	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	119081	50.529	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	65033	53.397	ug/l	98
56) Ethyl methacrylate	10.508	69	86008	56.208	ug/l	99
57) 1,3-Dichloropropane	10.789	76	102970	52.386	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	199766	290.453	ug/l	99
59) 2-Hexanone	10.831	43	192831	287.602	ug/l	100
60) Dibromochloromethane	10.984	129	87145	53.677	ug/l	98
61) 1,2-Dibromoethane	11.087	107	61262	53.684	ug/l	99
64) Tetrachloroethene	10.721	164	103528	52.045	ug/l	98
65) Chlorobenzene	11.514	112	220732	48.843	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	87714	49.529	ug/l	100
67) Ethyl Benzene	11.593	91	384576	48.473	ug/l	99
68) m/p-Xylenes	11.703	106	310514	98.050	ug/l	99
69) o-Xylene	12.026	106	150621	49.942	ug/l	100
70) Styrene	12.044	104	256516	50.151	ug/l	100
71) Bromoform	12.209	173	60779	54.297	ug/l #	99
73) Isopropylbenzene	12.331	105	403615	47.249	ug/l	98
74) N-amyl acetate	12.142	43	80833	52.275	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	68841	49.840	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	59737m	50.642	ug/l	
77) Bromobenzene	12.605	156	99828	48.216	ug/l	99
78) n-propylbenzene	12.672	91	468260	47.626	ug/l	100
79) 2-Chlorotoluene	12.758	91	264585	47.404	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	353801	48.113	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	27319	52.226	ug/l	99
82) 4-Chlorotoluene	12.855	91	277741	47.437	ug/l	100
83) tert-Butylbenzene	13.075	119	309542	48.003	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	349007	48.235	ug/l	100
85) sec-Butylbenzene	13.251	105	441232	47.829	ug/l	100
86) p-Isopropyltoluene	13.367	119	390118	48.746	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	199565	48.444	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	200269	48.533	ug/l	99
89) n-Butylbenzene	13.697	91	331332	48.441	ug/l	100
90) Hexachloroethane	13.959	117	69272	47.157	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	183003	49.382	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14644	53.277	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	119274	51.943	ug/l	99
94) Hexachlorobutadiene	15.111	225	69718	48.874	ug/l	99
95) Naphthalene	15.233	128	251193	56.985	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	105482	53.069	ug/l	99

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

