

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022423\
 Data File : VY012713.D
 Acq On : 24 Feb 2023 09:24
 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 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023

Quant Time: Feb 24 10:29:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	113864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	172789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	152876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60893	45.281	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.560%		
35) Dibromofluoromethane	7.716	113	57361	49.149	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.300%		
50) Toluene-d8	10.179	98	215408	49.266	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.540%		
62) 4-Bromofluorobenzene	12.483	95	70347	50.277	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	55744	47.619	ug/l	100
3) Chloromethane	2.113	50	61696	43.742	ug/l	100
4) Vinyl Chloride	2.253	62	60812	47.015	ug/l	98
5) Bromomethane	2.650	94	35157	49.630	ug/l	97
6) Chloroethane	2.796	64	37770	45.872	ug/l	94
7) Trichlorofluoromethane	3.131	101	104005	49.883	ug/l	96
8) Diethyl Ether	3.534	74	35930	48.133	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	63801	51.205	ug/l	99
10) Methyl Iodide	4.094	142	79221	48.558	ug/l	98
11) Tert butyl alcohol	4.954	59	27781	188.853	ug/l	97
12) 1,1-Dichloroethene	3.875	96	58716	48.813	ug/l	94
13) Acrolein	3.729	56	48202	259.342	ug/l	98
14) Allyl chloride	4.479	41	110130	47.174	ug/l	99
15) Acrylonitrile	5.167	53	95533	240.555	ug/l	99
16) Acetone	3.948	43	114506	260.946	ug/l	97
17) Carbon Disulfide	4.198	76	177678	43.894	ug/l	99
18) Methyl Acetate	4.479	43	62233	44.026	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	159013	49.145	ug/l	99
20) Methylene Chloride	4.722	84	67704	49.357	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	64852	49.565	ug/l	97
22) Diisopropyl ether	6.118	45	221312	50.803	ug/l	98
23) Vinyl Acetate	6.058	43	677215	251.001	ug/l	99
24) 1,1-Dichloroethane	6.021	63	120438	49.858	ug/l	98
25) 2-Butanone	6.984	43	144266	247.708	ug/l	100
26) 2,2-Dichloropropane	6.984	77	104510	49.597	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	70893	49.520	ug/l	99
28) Bromochloromethane	7.332	49	48437	50.075	ug/l	97
29) Tetrahydrofuran	7.344	42	87023	244.744	ug/l	100
30) Chloroform	7.508	83	118602	50.672	ug/l	95
31) Cyclohexane	7.789	56	110668	47.368	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	106262	50.151	ug/l	99
36) 1,1-Dichloropropene	7.917	75	93437	50.509	ug/l	99
37) Ethyl Acetate	7.076	43	57670	46.201	ug/l	99
38) Carbon Tetrachloride	7.905	117	98400	51.443	ug/l	99
39) Methylcyclohexane	9.185	83	113929	53.389	ug/l	100
40) Benzene	8.161	78	263347	50.999	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	25656m	42.201	ug/l	
42) 1,2-Dichloroethane	8.240	62	79067	49.379	ug/l	100
43) Isopropyl Acetate	8.271	43	104175	48.295	ug/l	97
44) Trichloroethene	8.941	130	68912	51.617	ug/l	100
45) 1,2-Dichloropropane	9.215	63	69018	51.961	ug/l	100
46) Dibromomethane	9.307	93	37315	50.892	ug/l	99
47) Bromodichloromethane	9.496	83	90756	51.416	ug/l	97
48) Methyl methacrylate	9.295	41	49150	48.830	ug/l	99
49) 1,4-Dioxane	9.301	88	9473	847.107	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	288262	247.740	ug/l	98
52) Toluene	10.246	92	162851	53.227	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	95376	51.708	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	109303	52.368	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	52529	52.746	ug/l	94
56) Ethyl methacrylate	10.508	69	72054	52.978	ug/l	96
57) 1,3-Dichloropropane	10.788	76	90601	51.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	187900	261.383	ug/l	100
59) 2-Hexanone	10.831	43	213063	258.299	ug/l	98
60) Dibromochloromethane	10.983	129	63356	52.509	ug/l	100
61) 1,2-Dibromoethane	11.087	107	49131	51.493	ug/l	99
64) Tetrachloroethene	10.721	164	57459	51.679	ug/l	97
65) Chlorobenzene	11.520	112	170781	52.094	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	64359	52.974	ug/l	99
67) Ethyl Benzene	11.593	91	312650	53.354	ug/l	99
68) m/p-Xylenes	11.703	106	239728	107.243	ug/l	98
69) o-Xylene	12.032	106	112120	54.152	ug/l	99
70) Styrene	12.044	104	191384	55.150	ug/l	98
71) Bromoform	12.209	173	39695	51.203	ug/l #	100
73) Isopropylbenzene	12.331	105	299604	52.936	ug/l	99
74) N-amyl acetate	12.142	43	92150	49.529	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	63895	50.210	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	49422m	51.762	ug/l	
77) Bromobenzene	12.611	156	68640	50.614	ug/l	98
78) n-propylbenzene	12.672	91	375524	53.045	ug/l	100
79) 2-Chlorotoluene	12.758	91	203701	51.794	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	246452	52.129	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	22990	51.010	ug/l	95
82) 4-Chlorotoluene	12.855	91	208716	51.168	ug/l	99
83) tert-Butylbenzene	13.075	119	213913	52.987	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	243300	52.643	ug/l	100
85) sec-Butylbenzene	13.251	105	331042	53.895	ug/l	99
86) p-Isopropyltoluene	13.367	119	266233	52.629	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	134941	50.802	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	134686	50.003	ug/l	100
89) n-Butylbenzene	13.696	91	257631	53.179	ug/l	99
90) Hexachloroethane	13.959	117	52841	51.472	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	121484	51.211	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9939	47.513	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	72665	48.433	ug/l	99
94) Hexachlorobutadiene	15.111	225	44054	48.653	ug/l	98
95) Naphthalene	15.239	128	144720	47.738	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	64019	48.208	ug/l	98

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

