

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013569.D
 Acq On : 03 May 2023 09:38
 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 05/04/2023
 Supervised By :Mahesh Dadoda 05/04/2023

Quant Time: May 03 15:37:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	278513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	413285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	371747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	152141	49.831	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.660%		
35) Dibromofluoromethane	7.722	113	137000	52.705	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.400%		
50) Toluene-d8	10.179	98	466615	50.461	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.920%		
62) 4-Bromofluorobenzene	12.483	95	165438	53.069	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	106.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	140757	53.160	ug/l	98
3) Chloromethane	2.113	50	163461	46.056	ug/l	100
4) Vinyl Chloride	2.253	62	162905	46.098	ug/l	100
5) Bromomethane	2.656	94	120797	42.895	ug/l	98
6) Chloroethane	2.796	64	109024	44.658	ug/l	100
7) Trichlorofluoromethane	3.131	101	273588	51.105	ug/l	99
8) Diethyl Ether	3.528	74	88821	48.722	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.900	101	149034	49.631	ug/l	98
10) Methyl Iodide	4.095	142	185011	49.054	ug/l	98
11) Tert butyl alcohol	4.985	59	75127	218.548	ug/l #	84
12) 1,1-Dichloroethene	3.875	96	142150	49.110	ug/l	97
13) Acrolein	3.735	56	60568	226.204	ug/l	93
14) Allyl chloride	4.485	41	254924	47.464	ug/l	98
15) Acrylonitrile	5.168	53	259672	254.339	ug/l	99
16) Acetone	3.961	43	335023	278.641	ug/l	97
17) Carbon Disulfide	4.198	76	445144	47.344	ug/l	99
18) Methyl Acetate	4.479	43	193991	48.851	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	429435	51.389	ug/l	100
20) Methylene Chloride	4.716	84	180828	47.623	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	162501	51.346	ug/l	98
22) Diisopropyl ether	6.119	45	542726	51.700	ug/l	95
23) Vinyl Acetate	6.064	43	1694221	285.043	ug/l	96
24) 1,1-Dichloroethane	6.021	63	298502	51.020	ug/l	98
25) 2-Butanone	6.990	43	399228	261.816	ug/l	93
26) 2,2-Dichloropropane	6.984	77	267372	53.034	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	183956	52.608	ug/l	97
28) Bromochloromethane	7.338	49	102965	49.593	ug/l	84
29) Tetrahydrofuran	7.350	42	234289	246.833	ug/l	94
30) Chloroform	7.509	83	317528	54.585	ug/l	100
31) Cyclohexane	7.789	56	253914	46.450	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	278567	53.665	ug/l	98
36) 1,1-Dichloropropene	7.917	75	234224	54.294	ug/l	97
37) Ethyl Acetate	7.076	43	164243	50.592	ug/l	98
38) Carbon Tetrachloride	7.899	117	261963	57.936	ug/l	94
39) Methylcyclohexane	9.185	83	262722	51.658	ug/l	93
40) Benzene	8.161	78	671302	55.242	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	88049	58.202	ug/l	94
42) 1,2-Dichloroethane	8.240	62	225812	56.838	ug/l	98
43) Isopropyl Acetate	8.271	43	286539	52.291	ug/l	97
44) Trichloroethene	8.941	130	176147	54.493	ug/l	95
45) 1,2-Dichloropropane	9.216	63	174636	54.963	ug/l	98
46) Dibromomethane	9.307	93	106088	55.803	ug/l	96
47) Bromodichloromethane	9.496	83	245288	57.661	ug/l	96
48) Methyl methacrylate	9.295	41	132254	52.552	ug/l	97
49) 1,4-Dioxane	9.319	88	29632	1091.337	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	836746	274.027	ug/l	96
52) Toluene	10.246	92	408820	55.905	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	252882	56.169	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	282327	55.730	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	141177	56.075	ug/l	98
56) Ethyl methacrylate	10.508	69	199211	57.034	ug/l	91
57) 1,3-Dichloropropane	10.789	76	237238	55.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	326558	249.326	ug/l	96
59) 2-Hexanone	10.831	43	639490	288.102	ug/l	96
60) Dibromochloromethane	10.984	129	175004	57.247	ug/l	99
61) 1,2-Dibromoethane	11.087	107	136561	55.171	ug/l	99
64) Tetrachloroethene	10.721	164	154029	54.489	ug/l	98
65) Chlorobenzene	11.520	112	442351	54.624	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	174506	57.618	ug/l	99
67) Ethyl Benzene	11.593	91	793279	55.785	ug/l	100
68) m/p-Xylenes	11.703	106	607746	112.423	ug/l	97
69) o-Xylene	12.032	106	286076	55.955	ug/l	98
70) Styrene	12.044	104	493701	57.754	ug/l	99
71) Bromoform	12.209	173	121776	57.403	ug/l	99
73) Isopropylbenzene	12.331	105	750892	53.458	ug/l	98
74) N-amyl acetate	12.142	43	250045	50.023	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	179494	52.280	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	122177m	48.783	ug/l	
77) Bromobenzene	12.611	156	192681	56.613	ug/l	96
78) n-propylbenzene	12.672	91	940167	54.341	ug/l	97
79) 2-Chlorotoluene	12.758	91	523166	54.149	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	630235	54.972	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	64799	52.924	ug/l	96
82) 4-Chlorotoluene	12.855	91	542339	53.856	ug/l	98
83) tert-Butylbenzene	13.075	119	534114	53.774	ug/l	97
84) 1,2,4-Trimethylbenzene	13.124	105	620040	55.627	ug/l	100
85) sec-Butylbenzene	13.258	105	802756	53.851	ug/l	99
86) p-Isopropyltoluene	13.373	119	664111	55.399	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	356479	54.976	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	355021	54.201	ug/l	100
89) n-Butylbenzene	13.697	91	628942	53.755	ug/l	98
90) Hexachloroethane	13.965	117	131196	52.000	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	325866	55.652	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	31659	52.211	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	196849	56.386	ug/l	98
94) Hexachlorobutadiene	15.117	225	119315	58.725	ug/l	99
95) Naphthalene	15.239	128	418248	55.217	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	176813	56.824	ug/l	99

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

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