

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015853.D
 Acq On : 06 Oct 2023 10:03
 Operator : SY/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 :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023

Quant Time: Oct 07 07:22:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	197757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	326702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	102023	52.438	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.880%			
35) Dibromofluoromethane	7.716	113	98841	53.077	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.160%			
50) Toluene-d8	10.179	98	332658	55.020	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.040%			
62) 4-Bromofluorobenzene	12.483	95	128684	52.070	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47568	52.305	ug/l	98
3) Chloromethane	2.107	50	55814	55.224	ug/l	99
4) Vinyl Chloride	2.247	62	69786	54.822	ug/l	96
5) Bromomethane	2.650	94	49940	56.457	ug/l	100
6) Chloroethane	2.784	64	51773	56.941	ug/l	99
7) Trichlorofluoromethane	3.119	101	127941	51.803	ug/l	98
8) Diethyl Ether	3.527	74	55423	51.472	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	83481	51.858	ug/l	95
10) Methyl Iodide	4.088	142	85823	55.469	ug/l	96
11) Tert butyl alcohol	4.985	59	93826	226.625	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	70201	54.530	ug/l	93
13) Acrolein	3.729	56	33746	224.821	ug/l	98
14) Allyl chloride	4.472	41	126381	52.070	ug/l	92
15) Acrylonitrile	5.161	53	195311	232.530	ug/l	97
16) Acetone	3.954	43	229723	227.901	ug/l	91
17) Carbon Disulfide	4.186	76	115525	55.121	ug/l	98
18) Methyl Acetate	4.479	43	161298	49.167	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	303925	49.947	ug/l	99
20) Methylene Chloride	4.710	84	103230	47.687	ug/l	92
21) trans-1,2-Dichloroethene	5.210	96	80515	54.294	ug/l	96
22) Diisopropyl ether	6.118	45	319716	50.728	ug/l	91
23) Vinyl Acetate	6.058	43	937331	245.718	ug/l	95
24) 1,1-Dichloroethane	6.015	63	171696	51.302	ug/l	96
25) 2-Butanone	6.984	43	303680	219.019	ug/l	96
26) 2,2-Dichloropropane	6.978	77	155090	49.867	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	110617	51.602	ug/l	94
28) Bromochloromethane	7.332	49	89929	45.947	ug/l	94
29) Tetrahydrofuran	7.350	42	178377	230.559	ug/l	92
30) Chloroform	7.502	83	189069	50.500	ug/l	96
31) Cyclohexane	7.783	56	110286	50.289	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	157884	51.585	ug/l	98
36) 1,1-Dichloropropene	7.917	75	119084	53.601	ug/l	99
37) Ethyl Acetate	7.076	43	114695	46.133	ug/l	96
38) Carbon Tetrachloride	7.899	117	135466	51.857	ug/l	100
39) Methylcyclohexane	9.185	83	124939	52.583	ug/l	92
40) Benzene	8.161	78	364618	52.302	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	64784	54.430	ug/l #	87
42) 1,2-Dichloroethane	8.234	62	126226	50.288	ug/l	94
43) Isopropyl Acetate	8.271	43	203783	47.621	ug/l	97
44) Trichloroethene	8.941	130	103697	50.826	ug/l	97
45) 1,2-Dichloropropane	9.215	63	105248	51.042	ug/l	100
46) Dibromomethane	9.307	93	65932	50.013	ug/l	97
47) Bromodichloromethane	9.496	83	153006	50.002	ug/l	99
48) Methyl methacrylate	9.295	41	88678	47.447	ug/l	88
49) 1,4-Dioxane	9.313	88	27360	926.515	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	625194	233.542	ug/l	93
52) Toluene	10.246	92	238694	52.331	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	162551	50.627	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	174558	51.212	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	100474	48.514	ug/l	96
56) Ethyl methacrylate	10.508	69	150308	50.055	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	164709	49.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	425473	243.169	ug/l	95
59) 2-Hexanone	10.831	43	474267	228.311	ug/l	89
60) Dibromochloromethane	10.983	129	118519	49.546	ug/l	99
61) 1,2-Dibromoethane	11.087	107	95258	49.217	ug/l	99
64) Tetrachloroethene	10.721	164	108177	51.923	ug/l	95
65) Chlorobenzene	11.514	112	278463	50.800	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	113075	50.171	ug/l	99
67) Ethyl Benzene	11.593	91	483400	51.523	ug/l	100
68) m/p-Xylenes	11.703	106	371336	104.118	ug/l	95
69) o-Xylene	12.032	106	184043	51.880	ug/l	96
70) Styrene	12.044	104	322446	52.066	ug/l	95
71) Bromoform	12.209	173	83501	49.686	ug/l	99
73) Isopropylbenzene	12.331	105	489608	50.830	ug/l	100
74) N-amyl acetate	12.142	43	180687	48.544	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	137128	48.194	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	110278m	50.099	ug/l	
77) Bromobenzene	12.611	156	121175	50.852	ug/l	96
78) n-propylbenzene	12.672	91	590345	51.168	ug/l	100
79) 2-Chlorotoluene	12.758	91	337396	50.781	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	409742	51.042	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	46799	49.216	ug/l	92
82) 4-Chlorotoluene	12.855	91	348592	50.129	ug/l	99
83) tert-Butylbenzene	13.075	119	362705	49.430	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	412775	51.184	ug/l	99
85) sec-Butylbenzene	13.251	105	546246	50.741	ug/l	100
86) p-Isopropyltoluene	13.373	119	453775	50.617	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	237916	49.867	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	241265	50.015	ug/l	99
89) n-Butylbenzene	13.696	91	428882	50.276	ug/l	97
90) Hexachloroethane	13.959	117	90004	51.435	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	226755	50.466	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26231	45.944	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	143321	49.007	ug/l	99
94) Hexachlorobutadiene	15.111	225	72045	47.279	ug/l	98
95) Naphthalene	15.239	128	373393	47.882	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	132591	48.389	ug/l	99

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

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