

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072324\
 Data File : VY018895.D
 Acq On : 23 Jul 2024 11:28
 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 :Romaben Patel 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024

Quant Time: Jul 24 01:44:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	107136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	161313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	141559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	48626	46.124	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.240%		
35) Dibromofluoromethane	7.710	113	49309	48.805	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.600%		
50) Toluene-d8	10.173	98	177897	46.476	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.960%		
62) 4-Bromofluorobenzene	12.477	95	59466	45.491	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.980%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	40363	44.961	ug/l	100
3) Chloromethane	2.107	50	55741	40.860	ug/l	93
4) Vinyl Chloride	2.241	62	69819	43.750	ug/l	98
5) Bromomethane	2.644	94	49128	44.755	ug/l	96
6) Chloroethane	2.784	64	46124	44.488	ug/l	95
7) Trichlorofluoromethane	3.113	101	96867	46.451	ug/l	93
8) Diethyl Ether	3.509	74	25101	49.386	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	51045	47.708	ug/l	95
10) Methyl Iodide	4.076	142	59158	51.345	ug/l	93
11) Tert butyl alcohol	4.942	59	20675	193.595	ug/l #	83
12) 1,1-Dichloroethene	3.851	96	48135	46.504	ug/l	97
13) Acrolein	3.716	56	13292	155.348	ug/l	100
14) Allyl chloride	4.466	41	60912	47.502	ug/l	91
15) Acrylonitrile	5.143	53	52337	261.019	ug/l	97
16) Acetone	3.930	43	52619	270.727	ug/l	90
17) Carbon Disulfide	4.186	76	128400	44.302	ug/l	99
18) Methyl Acetate	4.466	43	27474	48.649	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	121330	50.530	ug/l	99
20) Methylene Chloride	4.698	84	54217	49.174	ug/l	99
21) trans-1,2-Dichloroethene	5.198	96	51348	47.003	ug/l	95
22) Diisopropyl ether	6.106	45	136167	48.817	ug/l	93
23) Vinyl Acetate	6.045	43	568501	258.700	ug/l	98
24) 1,1-Dichloroethane	5.997	63	87094	48.904	ug/l	99
25) 2-Butanone	6.972	43	75886	278.541	ug/l	98
26) 2,2-Dichloropropane	6.972	77	81405	49.263	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	60599	47.645	ug/l	98
28) Bromochloromethane	7.319	49	34646	48.436	ug/l	97
29) Tetrahydrofuran	7.338	42	44236	264.849	ug/l	95
30) Chloroform	7.496	83	97071	48.906	ug/l	92
31) Cyclohexane	7.771	56	70936	43.797	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	92236	49.974	ug/l	98
36) 1,1-Dichloropropene	7.911	75	66350	47.587	ug/l	98
37) Ethyl Acetate	7.063	43	31003	53.495	ug/l	95
38) Carbon Tetrachloride	7.893	117	85752	51.063	ug/l	96
39) Methylcyclohexane	9.179	83	87946	49.220	ug/l	98
40) Benzene	8.155	78	198542	49.087	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	14322	43.345	ug/l	97
42) 1,2-Dichloroethane	8.228	62	58297	51.479	ug/l	97
43) Isopropyl Acetate	8.264	43	61518	53.345	ug/l	95
44) Trichloroethene	8.929	130	58380	50.494	ug/l	91
45) 1,2-Dichloropropane	9.209	63	45706	51.893	ug/l	95
46) Dibromomethane	9.301	93	30178	52.859	ug/l	98
47) Bromodichloromethane	9.490	83	76262	53.471	ug/l	100
48) Methyl methacrylate	9.289	41	27465	52.397	ug/l #	87
49) 1,4-Dioxane	9.295	88	7807	1166.550	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	161952	275.063	ug/l	94
52) Toluene	10.240	92	130890	48.688	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	66645	54.120	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	75759	52.441	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	37778	52.255	ug/l	98
56) Ethyl methacrylate	10.508	69	52233	54.877	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	63221	52.752	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	123076	270.656	ug/l	93
59) 2-Hexanone	10.831	43	116557	282.968	ug/l	92
60) Dibromochloromethane	10.983	129	54683	55.050	ug/l	99
61) 1,2-Dibromoethane	11.087	107	37489	53.339	ug/l	97
64) Tetrachloroethene	10.715	164	59932	52.305	ug/l	97
65) Chlorobenzene	11.514	112	151686	50.796	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	53980	52.465	ug/l	97
67) Ethyl Benzene	11.587	91	258087	49.335	ug/l	98
68) m/p-Xylenes	11.703	106	203443	99.102	ug/l	97
69) o-Xylene	12.026	106	94100	48.757	ug/l	93
70) Styrene	12.044	104	162665	50.513	ug/l	97
71) Bromoform	12.209	173	32242	57.492	ug/l #	100
73) Isopropylbenzene	12.325	105	257224	49.357	ug/l	99
74) N-amyl acetate	12.142	43	57233	53.700	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	41921	51.026	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	29756m	53.353	ug/l	
77) Bromobenzene	12.605	156	63194	50.794	ug/l	90
78) n-propylbenzene	12.672	91	300001	48.475	ug/l	97
79) 2-Chlorotoluene	12.758	91	168473	48.413	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	211255	49.542	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	13869	55.655	ug/l	89
82) 4-Chlorotoluene	12.855	91	177213	49.455	ug/l	99
83) tert-Butylbenzene	13.075	119	193357	49.116	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	209105	49.348	ug/l	100
85) sec-Butylbenzene	13.251	105	275984	49.390	ug/l	96
86) p-Isopropyltoluene	13.367	119	240425	49.839	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	123211	50.423	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	119611	49.389	ug/l	99
89) n-Butylbenzene	13.696	91	212350	48.555	ug/l	98
90) Hexachloroethane	13.959	117	47047	52.441	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	107418	50.891	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7338	55.121	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	68969	53.526	ug/l	97
94) Hexachlorobutadiene	15.111	225	38588	51.957	ug/l	96
95) Naphthalene	15.239	128	122299	55.328	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	59755	54.201	ug/l	97

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

