

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071724\
 Data File : VY018844.D
 Acq On : 17 Jul 2024 11:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 18 01:24:38 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

Manual Integrations APPROVED

Reviewed By :Romaben Patel 07/18/2024
 Supervised By :Semsettin Yesilyurt 07/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	113133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	172533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	151218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	52820	47.447	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.900%		
35) Dibromofluoromethane	7.710	113	54827	50.737	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.480%		
50) Toluene-d8	10.172	98	203180	49.629	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.260%		
62) 4-Bromofluorobenzene	12.477	95	68944	49.312	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	44860	47.322	ug/l	99
3) Chloromethane	2.107	50	62307	43.252	ug/l	96
4) Vinyl Chloride	2.241	62	80886	47.999	ug/l	99
5) Bromomethane	2.643	94	55702	48.054	ug/l	98
6) Chloroethane	2.784	64	52694	48.130	ug/l	97
7) Trichlorofluoromethane	3.113	101	104221	47.328	ug/l	96
8) Diethyl Ether	3.515	74	25688	47.861	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	54900	48.592	ug/l	94
10) Methyl Iodide	4.076	142	62836	51.647	ug/l	91
11) Tert butyl alcohol	4.930	59	18587	164.817	ug/l #	79
12) 1,1-Dichloroethene	3.857	96	49990	45.736	ug/l	95
13) Acrolein	3.710	56	14511	160.605	ug/l	97
14) Allyl chloride	4.460	41	66933	49.430	ug/l	90
15) Acrylonitrile	5.137	53	50608	239.017	ug/l	98
16) Acetone	3.930	43	53523	260.781	ug/l	93
17) Carbon Disulfide	4.180	76	141480	46.227	ug/l	99
18) Methyl Acetate	4.460	43	26198	43.930	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	123081	48.542	ug/l	94
20) Methylene Chloride	4.698	84	59281	51.112	ug/l	92
21) trans-1,2-Dichloroethene	5.204	96	54815	47.517	ug/l	98
22) Diisopropyl ether	6.106	45	139411	47.331	ug/l	93
23) Vinyl Acetate	6.039	43	562227	242.283	ug/l	97
24) 1,1-Dichloroethane	5.996	63	90921	48.346	ug/l	96
25) 2-Butanone	6.972	43	72469	251.898	ug/l	92
26) 2,2-Dichloropropane	6.966	77	84628	48.499	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	64344	47.908	ug/l	98
28) Bromochloromethane	7.319	49	37094	49.109	ug/l	95
29) Tetrahydrofuran	7.332	42	41387	234.657	ug/l	94
30) Chloroform	7.490	83	101912	48.624	ug/l	99
31) Cyclohexane	7.777	56	76136	44.516	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	96331	49.426	ug/l	97
36) 1,1-Dichloropropene	7.905	75	71944	48.243	ug/l	99
37) Ethyl Acetate	7.063	43	28199	45.492	ug/l #	94
38) Carbon Tetrachloride	7.892	117	90947	50.635	ug/l	98
39) Methylcyclohexane	9.179	83	92683	48.498	ug/l	96
40) Benzene	8.148	78	213480	49.347	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.289	41	14900	42.162	ug/l	97
42) 1,2-Dichloroethane	8.228	62	58641	48.415	ug/l	95
43) Isopropyl Acetate	8.264	43	58153	47.148	ug/l #	82
44) Trichloroethene	8.935	130	62414	50.473	ug/l	95
45) 1,2-Dichloropropane	9.209	63	46134	48.972	ug/l	99
46) Dibromomethane	9.301	93	30538	50.011	ug/l	98
47) Bromodichloromethane	9.490	83	74772	49.017	ug/l	96
48) Methyl methacrylate	9.289	41	27759	49.514	ug/l	88
49) 1,4-Dioxane	9.289	88	6691	934.775	ug/l #	98
51) 4-Methyl-2-Pentanone	10.063	43	153547	243.829	ug/l	93
52) Toluene	10.240	92	140340	48.808	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	65555	49.773	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	77980	50.468	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	38308	49.542	ug/l	97
56) Ethyl methacrylate	10.508	69	49694	48.815	ug/l #	83
57) 1,3-Dichloropropane	10.782	76	61899	48.290	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	122349	251.560	ug/l	92
59) 2-Hexanone	10.825	43	109203	247.874	ug/l	91
60) Dibromochloromethane	10.983	129	54237	51.050	ug/l	99
61) 1,2-Dibromoethane	11.081	107	36147	48.085	ug/l	98
64) Tetrachloroethene	10.715	164	61265	50.053	ug/l	96
65) Chlorobenzene	11.514	112	158037	49.542	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	54076	49.202	ug/l	96
67) Ethyl Benzene	11.587	91	276035	49.396	ug/l	98
68) m/p-Xylenes	11.697	106	216841	98.882	ug/l	98
69) o-Xylene	12.026	106	101575	49.268	ug/l	96
70) Styrene	12.044	104	170234	49.486	ug/l	97
71) Bromoform	12.209	173	31209	52.095	ug/l #	98
73) Isopropylbenzene	12.325	105	269810	48.706	ug/l	98
74) N-amyl acetate	12.142	43	54023	47.686	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	39946	45.742	ug/l	94
76) 1,2,3-Trichloropropane	12.629	75	29207m	49.267	ug/l	
77) Bromobenzene	12.605	156	64360	48.667	ug/l	92
78) n-propylbenzene	12.666	91	318963	48.487	ug/l	97
79) 2-Chlorotoluene	12.757	91	177037	47.861	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	220722	48.697	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	12749	48.130	ug/l	89
82) 4-Chlorotoluene	12.855	91	184625	48.472	ug/l	99
83) tert-Butylbenzene	13.074	119	207655	49.624	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	217209	48.225	ug/l	100
85) sec-Butylbenzene	13.251	105	292284	49.209	ug/l	97
86) p-Isopropyltoluene	13.367	119	250635	48.878	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	125241	48.218	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	123993	48.166	ug/l	99
89) n-Butylbenzene	13.696	91	225813	48.575	ug/l	98
90) Hexachloroethane	13.958	117	46500	48.761	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	108606	48.406	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	6445	45.546	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	66852	48.811	ug/l	98
94) Hexachlorobutadiene	15.111	225	38122	48.290	ug/l	98
95) Naphthalene	15.233	128	114292	48.644	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	56057	47.835	ug/l	98

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

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