

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050624\
 Data File : VY018152.D
 Acq On : 06 May 2024 09:52
 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 05/07/2024
 Supervised By :Semsettin Yesilyurt 05/07/2024

Quant Time: May 07 02:14:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	281593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	451554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	389417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177949	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109227	49.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.420%
35) Dibromofluoromethane	7.716	113	130181	50.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.340%
50) Toluene-d8	10.179	98	500745	49.430	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.483	95	160187	45.947	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	96154	42.777	ug/l	96
3) Chloromethane	2.113	50	140371	47.794	ug/l	99
4) Vinyl Chloride	2.247	62	162559	51.157	ug/l	100
5) Bromomethane	2.650	94	113411	57.823	ug/l	99
6) Chloroethane	2.790	64	105449	53.285	ug/l	99
7) Trichlorofluoromethane	3.119	101	193491	45.738	ug/l	93
8) Diethyl Ether	3.521	74	64012	47.126	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	118614	44.928	ug/l	97
10) Methyl Iodide	4.082	142	158443	45.280	ug/l	98
11) Tert butyl alcohol	4.948	59	41684	230.422	ug/l #	78
12) 1,1-Dichloroethene	3.863	96	124431	46.220	ug/l	93
13) Acrolein	3.723	56	47291	175.637	ug/l	99
14) Allyl chloride	4.479	41	160246	45.021	ug/l	100
15) Acrylonitrile	5.155	53	123348	241.756	ug/l	100
16) Acetone	3.942	43	121241	286.725	ug/l	96
17) Carbon Disulfide	4.192	76	373223	46.429	ug/l	97
18) Methyl Acetate	4.466	43	50320	46.466	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	277280	44.885	ug/l	98
20) Methylene Chloride	4.710	84	125777	42.449	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	134774	47.093	ug/l	96
22) Diisopropyl ether	6.112	45	327578	44.685	ug/l	94
23) Vinyl Acetate	6.051	43	1043457	224.422	ug/l	99
24) 1,1-Dichloroethane	6.009	63	204952	46.300	ug/l	100
25) 2-Butanone	6.978	43	171930	261.358	ug/l	95
26) 2,2-Dichloropropane	6.978	77	187311	45.246	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	156381	45.819	ug/l	96
28) Bromochloromethane	7.332	49	82086	45.886	ug/l	92
29) Tetrahydrofuran	7.344	42	99325	237.505	ug/l	96
30) Chloroform	7.502	83	212933	45.458	ug/l	98
31) Cyclohexane	7.783	56	187917	44.185	ug/l	99
32) 1,1,1-Trichloroethane	7.697	97	194586	45.513	ug/l	99
36) 1,1-Dichloropropene	7.917	75	159891	46.159	ug/l	98
37) Ethyl Acetate	7.070	43	68428	45.395	ug/l #	93
38) Carbon Tetrachloride	7.899	117	176472	44.886	ug/l	97
39) Methylcyclohexane	9.185	83	222151	43.664	ug/l	99
40) Benzene	8.161	78	512065	46.005	ug/l	96

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41) Methacrylonitrile	7.307	41	40214m	45.238	ug/l	
42) 1,2-Dichloroethane	8.234	62	115583	44.823	ug/l	98
43) Isopropyl Acetate	8.271	43	141370	44.640	ug/l	96
44) Trichloroethene	8.941	130	140278	44.441	ug/l	99
45) 1,2-Dichloropropane	9.216	63	109925	45.265	ug/l	98
46) Dibromomethane	9.307	93	65419	44.307	ug/l	95
47) Bromodichloromethane	9.496	83	158978	43.859	ug/l	97
48) Methyl methacrylate	9.295	41	63674	43.923	ug/l	93
49) 1,4-Dioxane	9.295	88	16085	981.926	ug/l #	98
51) 4-Methyl-2-Pentanone	10.069	43	355222	229.661	ug/l	96
52) Toluene	10.246	92	330272	44.834	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	156854	44.785	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	186784	45.396	ug/l #	93
55) 1,1,2-Trichloroethane	10.648	97	89382	45.009	ug/l	94
56) Ethyl methacrylate	10.508	69	123614	44.026	ug/l #	91
57) 1,3-Dichloropropane	10.788	76	144753	45.626	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	327369	249.770	ug/l	94
59) 2-Hexanone	10.831	43	274067	248.263	ug/l	95
60) Dibromochloromethane	10.983	129	118936	44.095	ug/l	99
61) 1,2-Dibromoethane	11.093	107	84923	44.627	ug/l	100
64) Tetrachloroethene	10.721	164	124328	44.106	ug/l	99
65) Chlorobenzene	11.520	112	367074	44.660	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	121635	43.993	ug/l	99
67) Ethyl Benzene	11.593	91	620402	45.009	ug/l	95
68) m/p-Xylenes	11.703	106	492689	89.206	ug/l	97
69) o-Xylene	12.032	106	234251	44.150	ug/l	96
70) Styrene	12.044	104	399712	44.761	ug/l	97
71) Bromoform	12.209	173	68775	42.447	ug/l #	98
73) Isopropylbenzene	12.331	105	599650	44.773	ug/l	97
74) N-amyl acetate	12.142	43	128389	43.677	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	96811	45.428	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	71409m	47.815	ug/l	
77) Bromobenzene	12.611	156	142464	44.767	ug/l	93
78) n-propylbenzene	12.672	91	700536	45.423	ug/l	96
79) 2-Chlorotoluene	12.758	91	385861	44.053	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	476800	44.172	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	35964	43.871	ug/l	97
82) 4-Chlorotoluene	12.855	91	388180	43.249	ug/l	95
83) tert-Butylbenzene	13.075	119	437761	44.298	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	470722	44.516	ug/l	98
85) sec-Butylbenzene	13.257	105	641610	45.243	ug/l	97
86) p-Isopropyltoluene	13.373	119	534946	45.265	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	272805	44.820	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	267285	44.554	ug/l	99
89) n-Butylbenzene	13.696	91	480167	45.911	ug/l	98
90) Hexachloroethane	13.965	117	104858	43.671	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	236687	44.626	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13884	43.189	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	134538	45.387	ug/l	99
94) Hexachlorobutadiene	15.111	225	74290	45.276	ug/l	97
95) Naphthalene	15.239	128	248477	45.525	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	112993	45.682	ug/l	99

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

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