

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018179.D
 Acq On : 08 May 2024 10:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 09 02:20:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	225351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	377663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	319130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144099	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.136	65	96966	58.489	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.980%
35) Dibromofluoromethane	7.709	113	113081	56.974	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.940%
50) Toluene-d8	10.179	98	439321	56.170	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.340%
62) 4-Bromofluorobenzene	12.483	95	141844	56.157	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.320%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.900	85	82831	46.348	ug/l	97
3) Chloromethane	2.107	50	117144	48.967	ug/l	99
4) Vinyl Chloride	2.241	62	142287	49.064	ug/l	96
5) Bromomethane	2.643	94	98045	48.681	ug/l	96
6) Chloroethane	2.784	64	91144	49.522	ug/l	97
7) Trichlorofluoromethane	3.113	101	166400	48.987	ug/l	100
8) Diethyl Ether	3.521	74	54748	48.959	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	105107	48.551	ug/l	98
10) Methyl Iodide	4.082	142	126682	50.112	ug/l	99
11) Tert butyl alcohol	4.936	59	40432	278.848	ug/l #	78
12) 1,1-Dichloroethene	3.863	96	107162	49.172	ug/l	92
13) Acrolein	3.722	56	37753	232.722	ug/l	99
14) Allyl chloride	4.466	41	135519	48.880	ug/l	98
15) Acrylonitrile	5.149	53	109670	255.030	ug/l	100
16) Acetone	3.936	43	95496	288.649	ug/l	97
17) Carbon Disulfide	4.186	76	303577	51.168	ug/l	100
18) Methyl Acetate	4.466	43	41413	43.943	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	240172	49.473	ug/l	97
20) Methylene Chloride	4.710	84	108858	46.552	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	111049	48.070	ug/l	93
22) Diisopropyl ether	6.106	45	280104	47.626	ug/l	92
23) Vinyl Acetate	6.045	43	897301	251.019	ug/l	100
24) 1,1-Dichloroethane	6.009	63	173431	47.878	ug/l	98
25) 2-Butanone	6.978	43	141968	268.450	ug/l	95
26) 2,2-Dichloropropane	6.972	77	156605	47.767	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	132105	48.388	ug/l	95
28) Bromochloromethane	7.325	49	75438	52.104	ug/l	95
29) Tetrahydrofuran	7.344	42	87122	249.573	ug/l	97
30) Chloroform	7.502	83	179478	47.461	ug/l	98
31) Cyclohexane	7.777	56	162343	50.353	ug/l	99
32) 1,1,1-Trichloroethane	7.697	97	163032	48.100	ug/l	99
36) 1,1-Dichloropropene	7.911	75	135024	47.454	ug/l	98
37) Ethyl Acetate	7.069	43	59653	49.812	ug/l #	94
38) Carbon Tetrachloride	7.898	117	146428	47.098	ug/l	100
39) Methylcyclohexane	9.179	83	196708	47.921	ug/l	97
40) Benzene	8.154	78	428720	46.843	ug/l	99

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41) Methacrylonitrile	7.295	41	32785m	47.408	ug/l	
42) 1,2-Dichloroethane	8.234	62	94969	47.690	ug/l	97
43) Isopropyl Acetate	8.270	43	122235	49.796	ug/l	96
44) Trichloroethene	8.935	130	118143	47.418	ug/l	99
45) 1,2-Dichloropropane	9.209	63	93776	46.866	ug/l	98
46) Dibromomethane	9.301	93	54606	47.471	ug/l	94
47) Bromodichloromethane	9.496	83	135389	47.609	ug/l	96
48) Methyl methacrylate	9.288	41	54611	48.542	ug/l	95
49) 1,4-Dioxane	9.295	88	14464	947.288	ug/l #	97
51) 4-Methyl-2-Pentanone	10.069	43	313099	253.777	ug/l	96
52) Toluene	10.239	92	275189	46.705	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	128217	48.270	ug/l	97
54) cis-1,3-Dichloropropene	9.922	75	156980	48.347	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	75927	48.049	ug/l	96
56) Ethyl methacrylate	10.508	69	106537	49.642	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	123053	47.847	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	305777	298.382	ug/l	95
59) 2-Hexanone	10.831	43	223224	258.765	ug/l	97
60) Dibromochloromethane	10.983	129	97074	47.349	ug/l	98
61) 1,2-Dibromoethane	11.087	107	71240	47.864	ug/l	100
64) Tetrachloroethene	10.715	164	100377	47.241	ug/l	97
65) Chlorobenzene	11.514	112	304683	46.877	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	97473	46.362	ug/l	99
67) Ethyl Benzene	11.593	91	516313	47.048	ug/l	94
68) m/p-Xylenes	11.703	106	411403	94.798	ug/l	97
69) o-Xylene	12.026	106	194003	46.582	ug/l	96
70) Styrene	12.044	104	326431	46.934	ug/l	98
71) Bromoform	12.209	173	56957	48.963	ug/l #	99
73) Isopropylbenzene	12.331	105	508256	47.044	ug/l	98
74) N-amyl acetate	12.142	43	112357	50.098	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	83773	48.607	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	58579m	50.787	ug/l	
77) Bromobenzene	12.611	156	115492	46.532	ug/l	96
78) n-propylbenzene	12.672	91	591349	47.057	ug/l	96
79) 2-Chlorotoluene	12.757	91	324313	46.442	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	398309	46.754	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	30126	50.322	ug/l	96
82) 4-Chlorotoluene	12.855	91	329199	46.932	ug/l	97
83) tert-Butylbenzene	13.074	119	368699	46.920	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	393360	47.136	ug/l	98
85) sec-Butylbenzene	13.251	105	546545	47.417	ug/l	98
86) p-Isopropyltoluene	13.367	119	448157	47.263	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	226202	47.192	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	220558	47.200	ug/l	99
89) n-Butylbenzene	13.696	91	412261	48.041	ug/l	98
90) Hexachloroethane	13.958	117	86389	46.439	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	193882	47.060	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11474	48.893	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	116082	50.119	ug/l	98
94) Hexachlorobutadiene	15.111	225	61977	48.499	ug/l	97
95) Naphthalene	15.239	128	217058	51.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	95978	50.495	ug/l	100

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

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