

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018249.D
 Acq On : 13 May 2024 18:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

Quant Time: May 14 09:03:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 09:02:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	170878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	305651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	267202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116372	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74057	58.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.820%
35) Dibromofluoromethane	7.710	113	82320	51.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.500%
50) Toluene-d8	10.179	98	323864	51.164	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.320%
62) 4-Bromofluorobenzene	12.483	95	99379	48.615	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	65713	48.492	ug/l	98
3) Chloromethane	2.107	50	103948	57.303	ug/l	99
4) Vinyl Chloride	2.247	62	120047	54.592	ug/l	99
5) Bromomethane	2.644	94	82921	54.297	ug/l	97
6) Chloroethane	2.790	64	78824	56.481	ug/l	96
7) Trichlorofluoromethane	3.119	101	127108	49.348	ug/l	91
8) Diethyl Ether	3.521	74	48090	56.715	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	80825	49.237	ug/l	99
10) Methyl Iodide	4.082	142	101762	53.086	ug/l	99
11) Tert butyl alcohol	4.942	59	35403	323.924	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	85933	52.001	ug/l	96
13) Acrolein	3.723	56	54086	466.671	ug/l	98
14) Allyl chloride	4.473	41	116392	55.364	ug/l	98
15) Acrylonitrile	5.149	53	98484	302.024	ug/l	97
16) Acetone	3.936	43	67045	267.254	ug/l	99
17) Carbon Disulfide	4.186	76	248170	55.163	ug/l	97
18) Methyl Acetate	4.466	43	39523	55.307	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	205550	55.838	ug/l	99
20) Methylene Chloride	4.704	84	102094	57.577	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	94030	53.678	ug/l	94
22) Diisopropyl ether	6.112	45	252956	56.721	ug/l	95
23) Vinyl Acetate	6.051	43	790832	291.760	ug/l	97
24) 1,1-Dichloroethane	6.003	63	151779	55.258	ug/l	99
25) 2-Butanone	6.978	43	110627	275.872	ug/l	96
26) 2,2-Dichloropropane	6.972	77	120697	48.550	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	112364	54.278	ug/l	96
28) Bromochloromethane	7.326	49	64796	59.020	ug/l	99
29) Tetrahydrofuran	7.344	42	76868	290.395	ug/l	95
30) Chloroform	7.502	83	157501	54.926	ug/l	96
31) Cyclohexane	7.777	56	122935	50.282	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	133100	51.787	ug/l	98
36) 1,1-Dichloropropene	7.911	75	111359	48.358	ug/l	99
37) Ethyl Acetate	7.070	43	54145	55.864	ug/l #	97
38) Carbon Tetrachloride	7.893	117	115694	45.980	ug/l	96
39) Methylcyclohexane	9.185	83	150609	45.335	ug/l	99
40) Benzene	8.155	78	376958	50.891	ug/l	96

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41) Methacrylonitrile	7.301	41	27414	48.981	ug/l	98
42) 1,2-Dichloroethane	8.234	62	86421	53.622	ug/l	97
43) Isopropyl Acetate	8.271	43	108368	54.548	ug/l	96
44) Trichloroethene	8.935	130	97260	48.234	ug/l	100
45) 1,2-Dichloropropane	9.216	63	82332	50.841	ug/l	98
46) Dibromomethane	9.301	93	48578	52.181	ug/l	98
47) Bromodichloromethane	9.496	83	117824	51.194	ug/l	95
48) Methyl methacrylate	9.289	41	48560	53.333	ug/l	90
49) 1,4-Dioxane	9.295	88	12713	1028.775	ug/l #	95
51) 4-Methyl-2-Pentanone	10.069	43	272157	272.564	ug/l	95
52) Toluene	10.240	92	239753	50.277	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	107613	50.059	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	133791	50.914	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	67173	52.524	ug/l	96
56) Ethyl methacrylate	10.508	69	90380	52.035	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	110388	53.035	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	213359	257.251	ug/l	96
59) 2-Hexanone	10.831	43	184964	264.930	ug/l	94
60) Dibromochloromethane	10.984	129	83547	50.352	ug/l	98
61) 1,2-Dibromoethane	11.087	107	62406	51.807	ug/l	100
64) Tetrachloroethene	10.721	164	85014	47.786	ug/l	99
65) Chlorobenzene	11.514	112	262305	48.200	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	85117	48.353	ug/l	99
67) Ethyl Benzene	11.593	91	436302	47.483	ug/l	96
68) m/p-Xylenes	11.703	106	349220	96.108	ug/l	96
69) o-Xylene	12.032	106	169364	48.569	ug/l	95
70) Styrene	12.044	104	280608	48.186	ug/l	98
71) Bromoform	12.209	173	45612	46.831	ug/l #	99
73) Isopropylbenzene	12.331	105	418121	47.922	ug/l	99
74) N-amyl acetate	12.142	43	95337	52.637	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	72042	51.760	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	87848	94.310	ug/l #	100
77) Bromobenzene	12.611	156	98276	49.030	ug/l	94
78) n-propylbenzene	12.672	91	486240	47.912	ug/l	97
79) 2-Chlorotoluene	12.758	91	269531	47.793	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	330388	48.022	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	23791	49.209	ug/l	97
82) 4-Chlorotoluene	12.855	91	273982	48.366	ug/l	96
83) tert-Butylbenzene	13.075	119	302900	47.731	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	330834	49.089	ug/l	98
85) sec-Butylbenzene	13.251	105	437346	46.983	ug/l	99
86) p-Isopropyltoluene	13.367	119	363866	47.516	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	186963	48.299	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	181132	47.999	ug/l	99
89) n-Butylbenzene	13.696	91	321697	46.419	ug/l	98
90) Hexachloroethane	13.959	117	69602	46.330	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	164097	49.320	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8993	47.452	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	90818	48.554	ug/l	96
94) Hexachlorobutadiene	15.111	225	47020	45.561	ug/l	97
95) Naphthalene	15.239	128	176235	51.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	74444	48.497	ug/l	99

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

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