

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051822\
 Data File : VW023122.D
 Acq On : 18 May 2022 11:21
 Operator : SY/VA
 Sample : N2883-05MSRE
 Misc : 5.58g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4K6MSRE

Quant Time: May 19 01:21:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 19 01:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	68107	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	52304	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	16378	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	33014	23.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.520%
7) Chloroethane-d5	2.885	69	32116	35.329	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	141.320%
11) 1,1-Dichloroethene-d2	4.019	63	42024	23.276	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.120%
21) 2-Butanone-d5	7.092	46	12401	46.677	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.360%
24) Chloroform-d	7.653	84	49194	24.654	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	8.311	65	28361	25.915	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.640%
32) Benzene-d6	8.274	84	95649	31.727	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.920%
36) 1,2-Dichloropropane-d6	9.274	67	28730	33.925	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.720%#
41) Toluene-d8	10.323	98	83195	28.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.280%
43) trans-1,3-Dichloroprop...	10.579	79	10216	26.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.800%
47) 2-Hexanone-d5	10.926	63	6361	39.347	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.700%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	20792	26.341	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	17746	30.996	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	124.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	2097	5.648	ug/L	95
3) Chloromethane	2.221	50	14415	20.092	ug/L	100
5) Vinyl chloride	2.367	62	26563	18.448	ug/L	97
6) Bromomethane	2.782	94	17083	18.479	ug/L	98
8) Chloroethane	2.922	64	20824	29.986	ug/L	97
9) Trichlorofluoromethane	3.263	101	32248	49.002	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	19016	19.325	ug/L	92
12) 1,1-Dichloroethene	4.037	96	16331	18.722	ug/L #	77
13) Acetone	4.129	43	14482	72.808	ug/L	91
14) Carbon disulfide	4.391	76	38795	16.222	ug/L	99
15) Methyl Acetate	4.684	43	7456	18.658	ug/L #	74
16) Methylene chloride	4.921	84	20880	20.952	ug/L	99
17) trans-1,2-Dichloroethene	5.434	96	18393	18.737	ug/L	92
18) Methyl tert-butyl Ether	5.434	73	46925	31.314	ug/L #	82
19) 1,1-Dichloroethane	6.214	63	34662	20.834	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	21774	20.651	ug/L #	89
22) 2-Butanone	7.183	43	11361	40.842	ug/L	91
23) Bromochloromethane	7.519	128	9887	20.023	ug/L	97
25) Chloroform	7.683	83	42374	23.034	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	25290	20.623	ug/L	95
29) Cyclohexane	7.957	56	19131	16.913	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	35523	28.739	ug/L	99
31) Carbon tetrachloride	8.067	117	30084	26.019	ug/L	98
33) Benzene	8.329	78	80256	26.047	ug/L	100
34) Trichloroethene	9.091	95	24380	28.771	ug/L	92
35) Methylcyclohexane	9.335	83	15344	11.022	ug/L	95
37) 1,2-Dichloropropane	9.372	63	19632	26.329	ug/L #	95
38) Bromodichloromethane	9.646	83	25587	24.159	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	26236	22.692	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	19229	40.914	ug/L	96
42) Toluene	10.390	91	80704	23.371	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	21025	20.374	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	17110	27.449	ug/L	97
46) Tetrachloroethene	10.859	164	11373	17.859	ug/L	88
48) 2-Hexanone	10.969	43	11131	35.447	ug/L #	96
49) Dibromochloromethane	11.128	129	16246	21.655	ug/L	99
50) 1,2-Dibromoethane	11.237	107	13586	21.706	ug/L	98
51) Chlorobenzene	11.658	112	45004	19.769	ug/L	95
52) Ethylbenzene	11.731	91	75430	19.635	ug/L	98
53) m,p-Xylene	11.841	106	28743	18.988	ug/L	98
54) o-Xylene	12.164	106	29186	20.092	ug/L	95
55) Styrene	12.176	104	43117	17.468	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	13704	17.602	ug/L	96
59) Bromoform	12.347	173	7156	30.831	ug/L	98
60) Isopropylbenzene	12.463	105	66696	29.726	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	13208	40.361	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	29675	23.773	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	44521	23.753	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	20969	20.932	ug/L	88
65) 1,4-Dichlorobenzene	13.578	146	19644	18.985	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	22153	24.167	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.487	75	2100	29.362	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	6733	10.126	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	4246	7.938	ug/L #	89
71) Naphthalene	15.359	128	11521	9.910	ug/L	97
72) 1,2,3-Trichlorobenzene	15.560	180	3389	7.149	ug/L	90

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

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