

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
 Data File : VW022508.D
 Acq On : 12 Apr 2022 15:34
 Operator : SY/VA
 Sample : N2316-23MS
 Misc : 6.30g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNS0MS

Quant Time: Apr 12 23:33:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 12 23:30:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	379860	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	378969	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	209965	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	137792	16.409	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.640%
7) Chloroethane-d5	2.885	69	97603	18.545	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	4.025	63	208391	19.133	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.520%
21) 2-Butanone-d5	7.080	46	84622	57.719	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.440%
24) Chloroform-d	7.647	84	280868	23.656	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.640%
26) 1,2-Dichloroethane-d4	8.305	65	156139	23.016	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.080%
32) Benzene-d6	8.275	84	485069	20.950	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	9.274	67	152296	22.729	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.920%
41) Toluene-d8	10.323	98	464225	20.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.880%
43) trans-1,3-Dichloroprop...	10.579	79	67803	21.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.760%
47) 2-Hexanone-d5	10.920	63	74176	59.502	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.000%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	156466	27.464	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	186026	25.014	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.040%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	47243	25.371	ug/L	100
3) Chloromethane	2.221	50	74986	16.152	ug/L	99
5) Vinyl chloride	2.367	62	194828	20.112	ug/L	98
6) Bromomethane	2.782	94	111976	19.015	ug/L	95
8) Chloroethane	2.922	64	84521	19.929	ug/L	100
9) Trichlorofluoromethane	3.257	101	84782	23.705	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	132614	23.286	ug/L	97
12) 1,1-Dichloroethene	4.038	96	122225	23.897	ug/L	96
13) Acetone	4.123	43	92697	92.863	ug/L	97
14) Carbon disulfide	4.391	76	351620	20.898	ug/L	99
15) Methyl Acetate	4.672	43	58226	23.244	ug/L	98
16) Methylene chloride	4.928	84	134899	23.601	ug/L	84
17) trans-1,2-Dichloroethene	5.428	96	137156	22.892	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	230279	23.533	ug/L #	87
19) 1,1-Dichloroethane	6.220	63	240269	21.978	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	150447	23.775	ug/L #	88
22) 2-Butanone	7.171	43	91819	60.903	ug/L	96
23) Bromochloromethane	7.513	128	68286	25.074	ug/L	92
25) Chloroform	7.677	83	267708	23.250	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	180740	22.333	ug/L	96
29) Cyclohexane	7.958	56	216397	19.951	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	227321	21.624	ug/L	98
31) Carbon tetrachloride	8.067	117	208868	22.137	ug/L	99
33) Benzene	8.323	78	1263003	49.088	ug/L	100
34) Trichloroethene	9.092	95	155716	22.603	ug/L	97
35) Methylcyclohexane	9.335	83	252885	20.460	ug/L	96
37) 1,2-Dichloropropane	9.366	63	136220	22.100	ug/L	99
38) Bromodichloromethane	9.646	83	198224	22.363	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	220894	22.584	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	184116	48.945	ug/L	95
42) Toluene	10.384	91	751079	25.475	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	197853	22.591	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	113007	24.022	ug/L	98
46) Tetrachloroethene	10.860	164	118273	23.355	ug/L	92
48) 2-Hexanone	10.969	43	147296	55.503	ug/L #	96
49) Dibromochloromethane	11.128	129	140645	25.068	ug/L	98
50) 1,2-Dibromoethane	11.231	107	115165	24.792	ug/L	95
51) Chlorobenzene	11.658	112	2272840	126.150	ug/L	94
52) Ethylbenzene	11.731	91	744033	22.514	ug/L	98
53) m,p-Xylene	11.835	106	301189	23.970	ug/L	95
54) o-Xylene	12.164	106	286356	23.848	ug/L	96
55) Styrene	12.176	104	479234	23.360	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	141769	24.553	ug/L	97
59) Bromoform	12.347	173	73725	23.630	ug/L	98
60) Isopropylbenzene	12.463	105	772513	22.149	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	105691	23.664	ug/L #	88
62) 1,3,5-Trimethylbenzene	12.938	105	429878	22.411	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	650834	22.313	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	313089	22.118	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	321249	22.756	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	311503	24.606	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.475	75	35650	34.416	ug/L	84
69) 1,3,5-Trichlorobenzene	14.627	180	210693	22.813	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	176373	22.739	ug/L	95
71) Naphthalene	15.359	128	393994	24.083	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	157000	23.680	ug/L	99

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

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