

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050522\
 Data File : VW022848.D
 Acq On : 05 May 2022 17:38
 Operator : SY/VA
 Sample : N2708-03MS
 Misc : 4.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXL30MS

Quant Time: May 06 01:08:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 06 01:05:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	366116	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	363134	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	201780	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	164016	21.836	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.360%
7) Chloroethane-d5	2.885	69	127817	26.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.640%
11) 1,1-Dichloroethene-d2	4.019	63	194032	19.992	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.960%
21) 2-Butanone-d5	7.080	46	65567	45.910	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.820%
24) Chloroform-d	7.653	84	248711	23.187	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.760%
26) 1,2-Dichloroethane-d4	8.305	65	137099	23.304	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	8.275	84	474641	22.677	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.720%
36) 1,2-Dichloropropane-d6	9.274	67	139294	23.691	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.760%
41) Toluene-d8	10.323	98	452228	22.366	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.480%
43) trans-1,3-Dichloroprop...	10.573	79	60128	22.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.840%
47) 2-Hexanone-d5	10.920	63	54785	48.811	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.620%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	134174	24.484	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	162197	22.995	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.000%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.007	85	52757	26.434	ug/L	96
3) Chloromethane	2.215	50	82726	21.450	ug/L	97
5) Vinyl chloride	2.361	62	166458	21.506	ug/L	97
6) Bromomethane	2.776	94	106328	21.396	ug/L	91
8) Chloroethane	2.922	64	91343	24.468	ug/L	98
9) Trichlorofluoromethane	3.251	101	64461	18.221	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	105191	19.886	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	93322	19.902	ug/L	93
13) Acetone	4.123	43	49756	46.534	ug/L	93
14) Carbon disulfide	4.385	76	223514	17.386	ug/L	98
15) Methyl Acetate	4.672	43	43022	20.028	ug/L	99
16) Methylene chloride	4.915	84	118328	22.088	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	107674	20.405	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	170375	21.150	ug/L	99
19) 1,1-Dichloroethane	6.214	63	193286	21.612	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	120350	21.234	ug/L	99
22) 2-Butanone	7.171	43	65782	43.992	ug/L	98
23) Bromochloromethane	7.513	128	55258	20.818	ug/L	93
25) Chloroform	7.677	83	222671	22.517	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	139372	21.142	ug/L	99
29) Cyclohexane	7.958	56	155838	19.843	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	180831	21.072	ug/L	98
31) Carbon tetrachloride	8.067	117	161680	20.141	ug/L	98
33) Benzene	8.323	78	461222	21.560	ug/L	100
34) Trichloroethene	9.091	95	122768	20.868	ug/L	96
35) Methylcyclohexane	9.335	83	187390	19.389	ug/L	99
37) 1,2-Dichloropropane	9.366	63	111972	21.629	ug/L	100
38) Bromodichloromethane	9.646	83	162970	22.163	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	175275	21.835	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	135414	41.500	ug/L	99
42) Toluene	10.384	91	524643	21.884	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	156297	21.815	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	96166	22.221	ug/L	95
46) Tetrachloroethene	10.859	164	89230	20.182	ug/L	93
48) 2-Hexanone	10.969	43	106360	48.785	ug/L	97
49) Dibromochloromethane	11.128	129	110754	21.264	ug/L	94
50) 1,2-Dibromoethane	11.231	107	88628	20.395	ug/L	99
51) Chlorobenzene	11.658	112	343414	21.728	ug/L	99
52) Ethylbenzene	11.731	91	580293	21.757	ug/L	99
53) m,p-Xylene	11.835	106	231709	22.048	ug/L	96
54) o-Xylene	12.164	106	224698	22.281	ug/L	95
55) Styrene	12.176	104	389358	22.721	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	115696	21.404	ug/L	96
59) Bromoform	12.353	173	58794	20.560	ug/L	99
60) Isopropylbenzene	12.463	105	610987	22.103	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	84890	21.055	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	325390	21.158	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	498753	21.599	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	264777	21.454	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	267169	20.958	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	245419	21.731	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	17793	20.193	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	164651	20.098	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	132857	20.160	ug/L	100
71) Naphthalene	15.365	128	309864	21.634	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	116690	19.979	ug/L	97

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

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