

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031422\
 Data File : VW022318.D
 Acq On : 14 Mar 2022 14:23
 Operator : SY/VA
 Sample : N1820-04MS
 Misc : 7.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBRZ5MS

Quant Time: Mar 15 01:05:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 15 01:03:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	154843	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	150999	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	82226	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	50475	24.992	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.960%
7) Chloroethane-d5	2.879	69	38704	24.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.440%
11) 1,1-Dichloroethene-d2	4.013	63	62912	20.341	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.360%
21) 2-Butanone-d5	7.074	46	22298	65.665	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.340%
24) Chloroform-d	7.647	84	93049	26.934	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.720%
26) 1,2-Dichloroethane-d4	8.305	65	48184	26.831	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.320%
32) Benzene-d6	8.275	84	168083	23.918	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.680%
36) 1,2-Dichloropropane-d6	9.268	67	50062	25.652	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.600%
41) Toluene-d8	10.323	98	161732	23.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	10.579	79	22272	25.738	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.960%
47) 2-Hexanone-d5	10.921	63	18530	57.729	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.460%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	50925	29.733	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	69422	26.286	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	6421	14.838	ug/L	97
3) Chloromethane	2.209	50	26579	17.924	ug/L	98
5) Vinyl chloride	2.355	62	40433	18.147	ug/L	100
6) Bromomethane	2.776	94	24969	16.046	ug/L	91
8) Chloroethane	2.916	64	22601	18.057	ug/L	99
9) Trichlorofluoromethane	3.257	101	24311	16.071	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	35341	19.149	ug/L	97
12) 1,1-Dichloroethene	4.038	96	28975	18.115	ug/L	93
13) Acetone	4.123	43	17584	63.401	ug/L	66
14) Carbon disulfide	4.379	76	54096	13.045	ug/L	98
15) Methyl Acetate	4.672	43	12789	20.483	ug/L	96
16) Methylene chloride	4.916	84	34952	18.390	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	31081	17.691	ug/L	95
18) Methyl tert-butyl Ether	5.422	73	53038	22.190	ug/L #	88
19) 1,1-Dichloroethane	6.220	63	59066	20.767	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	38497	20.228	ug/L	99
22) 2-Butanone	7.171	43	20820	52.258	ug/L	97
23) Bromochloromethane	7.519	128	19026	20.465	ug/L	96
25) Chloroform	7.677	83	71314	21.489	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	41833	20.466	ug/L	99
29) Cyclohexane	7.958	56	41232	16.408	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	58530	19.266	ug/L	98
31) Carbon tetrachloride	8.067	117	55960	19.382	ug/L	99
33) Benzene	8.323	78	137731	18.866	ug/L	100
34) Trichloroethene	9.092	95	38080	18.218	ug/L	95
35) Methylcyclohexane	9.335	83	52536	16.249	ug/L	98
37) 1,2-Dichloropropane	9.366	63	35037	20.572	ug/L	98
38) Bromodichloromethane	9.646	83	52581	21.529	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	55900	21.593	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	40747	44.302	ug/L	98
42) Toluene	10.384	91	161334	19.526	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	49890	21.445	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	30892	20.455	ug/L	93
46) Tetrachloroethene	10.860	164	31649	17.284	ug/L	93
48) 2-Hexanone	10.963	43	33611	52.652	ug/L	97
49) Dibromochloromethane	11.128	129	40697	22.185	ug/L	95
50) 1,2-Dibromoethane	11.231	107	29836	20.482	ug/L	100
51) Chlorobenzene	11.658	112	112819	19.619	ug/L	99
52) Ethylbenzene	11.731	91	180426	19.730	ug/L	100
53) m,p-Xylene	11.835	106	75103	19.959	ug/L	95
54) o-Xylene	12.164	106	71822	20.286	ug/L	89
55) Styrene	12.176	104	130002	21.903	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	38078	21.730	ug/L	94
59) Bromoform	12.347	173	23453	21.569	ug/L #	97
60) Isopropylbenzene	12.463	105	193975	19.652	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	26891	20.721	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	133903	20.401	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	163386	20.369	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	96352	19.678	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	100653	20.513	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	89243	20.500	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	5786	21.090	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.621	180	61087	17.382	ug/L	88
70) 1,2,4-trichlorobenzene	15.127	180	50832	19.116	ug/L	98
71) Naphthalene	15.365	128	96471	20.551	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	44704	19.436	ug/L	99

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

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