

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
 Data File : VW024037.D
 Acq On : 23 Jul 2022 07:26
 Operator : SY/VA
 Sample : N3795-02MS
 Misc : 6.13g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBUL9MS

Quant Time: Jul 24 00:40:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 23 06:00:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	297378	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	301515	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	172942	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	158476	20.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.480%
7) Chloroethane-d5	2.873	69	111933	22.091	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.360%
11) 1,1-Dichloroethene-d2	4.013	63	137725	22.268	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.080%
21) 2-Butanone-d5	7.073	46	45995	39.041	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.080%
24) Chloroform-d	7.640	84	216441	24.999	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	8.305	65	114667	21.654	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	8.268	84	400315	25.541	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.160%
36) 1,2-Dichloropropane-d6	9.268	67	118402	25.079	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.320%
41) Toluene-d8	10.323	98	398930	25.093	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.360%
43) trans-1,3-Dichloroprop...	10.573	79	50549	22.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.360%
47) 2-Hexanone-d5	10.920	63	42110	42.416	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.840%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	123229	23.618	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.480%
66) 1,2-Dichlorobenzene-d4	13.852	152	150951	24.451	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	32138	15.903	ug/L	95
3) Chloromethane	2.214	50	109410	22.108	ug/L	99
5) Vinyl chloride	2.355	62	196951	23.176	ug/L	98
6) Bromomethane	2.769	94	109241	19.874	ug/L	95
8) Chloroethane	2.909	64	88156	22.174	ug/L	99
9) Trichlorofluoromethane	3.245	101	97221	25.168	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.055	101	88497	23.409	ug/L	99
12) 1,1-Dichloroethene	4.031	96	72218	22.909	ug/L	93
13) Acetone	4.116	43	24448	29.352	ug/L	99
14) Carbon disulfide	4.379	76	173998	18.764	ug/L	99
15) Methyl Acetate	4.671	43	32020	17.176	ug/L	99
16) Methylene chloride	4.909	84	91002	19.570	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	86820	22.700	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	129049	21.809	ug/L	98
19) 1,1-Dichloroethane	6.208	63	178294	25.272	ug/L	99
20) cis-1,2-Dichloroethene	7.159	96	103016	24.312	ug/L #	97
22) 2-Butanone	7.165	43	43744	31.957	ug/L	98
23) Bromochloromethane	7.506	128	46259	22.726	ug/L	90
25) Chloroform	7.671	83	202936	24.968	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	132806	22.201	ug/L	98
29) Cyclohexane	7.951	56	131403	23.829	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	167704	25.688	ug/L	98
31) Carbon tetrachloride	8.061	117	152957	25.991	ug/L	100
33) Benzene	8.317	78	429738	25.081	ug/L	100
34) Trichloroethene	9.085	95	108133	23.899	ug/L	93
35) Methylcyclohexane	9.329	83	161509	23.442	ug/L	97
37) 1,2-Dichloropropane	9.366	63	109282	25.440	ug/L	99
38) Bromodichloromethane	9.640	83	156076	26.033	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	167030	25.798	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	118003	39.476	ug/L	98
42) Toluene	10.384	91	524708	26.852	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	154834	25.160	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	87208	23.218	ug/L	98
46) Tetrachloroethene	10.859	164	86858	24.827	ug/L	86
48) 2-Hexanone	10.963	43	83849	38.527	ug/L	97
49) Dibromochloromethane	11.127	129	105095	24.127	ug/L	100
50) 1,2-Dibromoethane	11.231	107	79171	21.940	ug/L	96
51) Chlorobenzene	11.652	112	344700	26.155	ug/L	97
52) Ethylbenzene	11.725	91	603324	27.170	ug/L	96
53) m,p-Xylene	11.835	106	234341	27.049	ug/L	100
54) o-Xylene	12.164	106	229033	27.527	ug/L	100
55) Styrene	12.176	104	409623	27.868	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.712	83	111481	21.760	ug/L	99
59) Bromoform	12.347	173	57676	22.617	ug/L	98
60) Isopropylbenzene	12.463	105	635338	27.348	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	77287	20.381	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	519416	27.310	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	527358	27.733	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	278901	26.442	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	270378	24.094	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	249531	25.084	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.480	75	15647	17.890	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.621	180	161770	23.171	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	118970	22.068	ug/L	96
71) Naphthalene	15.358	128	227948	19.712	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	107395	21.373	ug/L	94

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

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