

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042423\
 Data File : VW025657.D
 Acq On : 24 Apr 2023 14:09
 Operator : SY/MD
 Sample : 02417-25MSD
 Misc : 4.19g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW906MSD

Quant Time: Apr 25 01:11:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 25 01:06:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	905367	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	750342	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	305057	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	245532	16.666	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.680%
7) Chloroethane-d5	2.893	69	196837	18.765	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.080%
11) 1,1-Dichloroethene-d2	4.027	63	569420	19.112	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.440%
21) 2-Butanone-d5	7.075	46	185264	56.368	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.740%
24) Chloroform-d	7.648	84	568518	22.365	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.440%
26) 1,2-Dichloroethane-d4	8.307	65	316516	23.933	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.720%
32) Benzene-d6	8.276	84	1098700	22.614	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.440%
36) 1,2-Dichloropropane-d6	9.270	67	367036	24.228	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.920%
41) Toluene-d8	10.325	98	934395	22.016	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.080%
43) trans-1,3-Dichloroprop...	10.575	79	130309	22.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.760%
47) 2-Hexanone-d5	10.922	63	124511	60.131	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	281578	27.538	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.160%
66) 1,2-Dichlorobenzene-d4	13.849	152	227102	21.670	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	250448	19.781	ug/L	98
3) Chloromethane	2.223	50	326453	22.225	ug/L	98
5) Vinyl chloride	2.369	62	348607	21.469	ug/L	99
6) Bromomethane	2.783	94	166519	19.064	ug/L	98
8) Chloroethane	2.930	64	200743	22.074	ug/L	100
9) Trichlorofluoromethane	3.265	101	285056	22.787	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	287407	22.895	ug/L	97
12) 1,1-Dichloroethene	4.045	96	276529	22.007	ug/L	93
13) Acetone	4.119	43	188701	67.836	ug/L	98
14) Carbon disulfide	4.387	76	824375	18.596	ug/L	99
15) Methyl Acetate	4.667	43	134813	21.572	ug/L	99
16) Methylene chloride	4.917	84	352417	24.489	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	291227	21.800	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	506109	27.452	ug/L	99
19) 1,1-Dichloroethane	6.216	63	642893	24.087	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	326619	23.499	ug/L	96
22) 2-Butanone	7.167	43	260775	65.945	ug/L	97
23) Bromochloromethane	7.508	128	136721	23.986	ug/L	96
25) Chloroform	7.679	83	587916	24.087	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	408581	24.946	ug/L	99
29) Cyclohexane	7.959	56	526693	21.687	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	464078	24.892	ug/L	99
31) Carbon tetrachloride	8.069	117	404944	24.051	ug/L	99
33) Benzene	8.325	78	1290168	24.703	ug/L	100
34) Trichloroethene	9.093	95	317709	23.387	ug/L	91
35) Methylcyclohexane	9.337	83	438473	17.875	ug/L	99
37) 1,2-Dichloropropane	9.368	63	360120	26.109	ug/L	100
38) Bromodichloromethane	9.642	83	415858	26.351	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	485684	24.548	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	477689	61.185	ug/L	100
42) Toluene	10.386	91	1296202	24.373	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	410708	25.174	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	239927	27.281	ug/L	98
46) Tetrachloroethene	10.861	164	206023	21.563	ug/L	95
48) 2-Hexanone	10.965	43	345662	64.079	ug/L	97
49) Dibromochloromethane	11.130	129	249379	26.931	ug/L	94
50) 1,2-Dibromoethane	11.233	107	207449	25.672	ug/L	93
51) Chlorobenzene	11.654	112	764705	23.335	ug/L	98
52) Ethylbenzene	11.727	91	1412533	23.471	ug/L	100
53) m,p-Xylene	11.837	106	517937	23.468	ug/L	96
54) o-Xylene	12.166	106	494624	23.957	ug/L	96
55) Styrene	12.178	104	830632	23.902	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	282740	26.839	ug/L	99
59) Bromoform	12.343	173	132372	31.666	ug/L	98
60) Isopropylbenzene	12.459	105	1299916	27.203	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	209575	33.148	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	992260	26.304	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	949758	26.147	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	461168	23.288	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	463249	22.906	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	409247	23.573	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.483	75	43296	31.217	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	211337	15.940	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	162303	15.070	ug/L	94
71) Naphthalene	15.360	128	409799	20.391	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	130890	13.900	ug/L	98

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

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