

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050323\
 Data File : VW025815.D
 Acq On : 03 May 2023 10:33
 Operator : SY/MD
 Sample : 02549-20MS
 Misc : 5.24g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCCJ7MS

Quant Time: May 04 01:23:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 01:22:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	592369	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	549112	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	275571	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	228457	27.216	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.880%	
7) Chloroethane-d5	2.899	69	167455	26.908	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.640%	
11) 1,1-Dichloroethene-d2	4.027	65	108985	25.928	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 103.720%	
21) 2-Butanone-d5	7.075	46	179779	64.784	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 129.560%	
24) Chloroform-d	7.648	84	440511	25.789	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.160%	
26) 1,2-Dichloroethane-d4	8.307	65	259381	26.854	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 107.400%	
32) Benzene-d6	8.276	84	877928	24.468	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 97.880%	
36) 1,2-Dichloropropane-d6	9.270	67	286840	24.986	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 99.960%	
41) Toluene-d8	10.325	98	791973	24.753	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 99.000%	
43) trans-1,3-Dichloroprop...	10.575	79	121327	26.073	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 104.280%	
47) 2-Hexanone-d5	10.922	63	125569	64.146	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 128.300%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	255661	29.219	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 116.880%	
66) 1,2-Dichlorobenzene-d4	13.848	152	243488	24.238	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	146000	22.061	ug/L	94
3) Chloromethane	2.223	50	222020	22.753	ug/L	99
5) Vinyl chloride	2.375	62	239372	23.700	ug/L	99
6) Bromomethane	2.789	94	124618	22.685	ug/L	94
8) Chloroethane	2.936	64	135200	23.542	ug/L	99
9) Trichlorofluoromethane	3.265	101	170753	22.402	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	174641	21.067	ug/L	97
12) 1,1-Dichloroethene	4.045	96	177571	22.414	ug/L	95
13) Acetone	4.119	43	457574	185.957	ug/L	100
14) Carbon disulfide	4.393	76	602916	22.504	ug/L	100
15) Methyl Acetate	4.667	43	138777	28.619	ug/L	99
16) Methylene chloride	4.923	84	208667	17.081	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	190388	22.029	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	319807	24.380	ug/L	99
19) 1,1-Dichloroethane	6.216	63	398701	22.453	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	208414	22.477	ug/L	99
22) 2-Butanone	7.167	43	209473	61.652	ug/L	99
23) Bromochloromethane	7.514	128	92302	23.498	ug/L	98
25) Chloroform	7.679	83	370345	22.692	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	280384	24.191	ug/L	99
29) Cyclohexane	7.959	56	365313	21.468	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	293115	21.827	ug/L	99
31) Carbon tetrachloride	8.075	117	258837	21.417	ug/L	99
33) Benzene	8.325	78	827903	21.792	ug/L	100
34) Trichloroethene	9.093	95	205815	21.112	ug/L	97
35) Methylcyclohexane	9.337	83	349585	20.162	ug/L	99
37) 1,2-Dichloropropane	9.368	63	234496	22.529	ug/L	99
38) Bromodichloromethane	9.642	83	267635	22.413	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	341549	22.376	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	376673	55.598	ug/L	99
42) Toluene	10.386	91	858216	22.109	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	299438	23.676	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	166241	23.877	ug/L	99
46) Tetrachloroethene	10.861	164	147668	21.531	ug/L	93
48) 2-Hexanone	10.965	43	269979	55.626	ug/L	99
49) Dibromochloromethane	11.123	129	168626	23.394	ug/L	97
50) 1,2-Dibromoethane	11.233	107	159104	24.788	ug/L	97
51) Chlorobenzene	11.654	112	514112	21.379	ug/L	99
52) Ethylbenzene	11.727	91	960834	22.005	ug/L	99
53) m,p-Xylene	11.837	106	351919	21.898	ug/L	96
54) o-Xylene	12.166	106	336687	22.227	ug/L	93
55) Styrene	12.178	104	588836	22.712	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	226957	26.124	ug/L	94
59) Bromoform	12.349	173	101076	24.763	ug/L	99
60) Isopropylbenzene	12.458	105	888417	21.209	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	168227	25.831	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	731708	22.054	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	678462	22.160	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	385727	21.391	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	387081	21.247	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	357956	22.259	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.483	75	37520	24.844	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	232670	19.438	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	202085	20.153	ug/L	99
71) Naphthalene	15.360	128	462304	24.426	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	195273	21.947	ug/L	98

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

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