

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050323\
 Data File : VW025816.D
 Acq On : 03 May 2023 10:57
 Operator : SY/MD
 Sample : 02549-21MSD
 Misc : 5.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCCJ7MSD

Quant Time: May 04 01:23:59 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	784381	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	694401	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	332727	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	289503	26.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.200%	
7) Chloroethane-d5	2.893	69	215799	26.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.760%	
11) 1,1-Dichloroethene-d2	4.021	65	140468	25.238	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 100.960%	
21) 2-Butanone-d5	7.075	46	166115	45.207	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 90.420%	
24) Chloroform-d	7.648	84	549551	24.297	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 97.200%	
26) 1,2-Dichloroethane-d4	8.307	65	300020	23.458	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 93.840%	
32) Benzene-d6	8.276	84	1135278	25.021	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 100.080%	
36) 1,2-Dichloropropane-d6	9.270	67	354603	24.426	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 97.720%	
41) Toluene-d8	10.325	98	1005372	24.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 99.400%	
43) trans-1,3-Dichloroprop...	10.575	79	136158	23.138	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 92.560%	
47) 2-Hexanone-d5	10.922	63	119214	48.157	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 96.320%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	263681	23.830	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 95.320%	
66) 1,2-Dichlorobenzene-d4	13.848	152	283833	23.401	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 93.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	184483	21.052	ug/L	98
3) Chloromethane	2.222	50	287379	22.241	ug/L	99
5) Vinyl chloride	2.369	62	299289	22.379	ug/L	99
6) Bromomethane	2.789	94	158732	21.822	ug/L	98
8) Chloroethane	2.930	64	168726	22.187	ug/L	97
9) Trichlorofluoromethane	3.265	101	226385	22.430	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	231869	21.124	ug/L	97
12) 1,1-Dichloroethene	4.045	96	227517	21.688	ug/L	95
13) Acetone	4.118	43	478174	146.758	ug/L	100
14) Carbon disulfide	4.393	76	762338	21.489	ug/L	100
15) Methyl Acetate	4.667	43	128730	20.049	ug/L	99
16) Methylene chloride	4.917	84	259744	16.057	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	239601	20.937	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	363029	20.901	ug/L	99
19) 1,1-Dichloroethane	6.216	63	505085	21.481	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	260210	21.194	ug/L	99
22) 2-Butanone	7.167	43	190267	42.291	ug/L	99
23) Bromochloromethane	7.514	128	106267	20.430	ug/L	98
25) Chloroform	7.679	83	461231	21.343	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	318107	20.727	ug/L	99
29) Cyclohexane	7.959	56	473339	21.996	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	370852	21.838	ug/L	99
31) Carbon tetrachloride	8.069	117	332086	21.729	ug/L	97
33) Benzene	8.325	78	1043892	21.729	ug/L	100
34) Trichloroethene	9.093	95	266554	21.622	ug/L	96
35) Methylcyclohexane	9.337	83	457638	20.872	ug/L	99
37) 1,2-Dichloropropane	9.367	63	279191	21.211	ug/L	100
38) Bromodichloromethane	9.642	83	321442	21.286	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	416324	21.569	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	355947	41.546	ug/L	99
42) Toluene	10.386	91	1087010	22.144	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	344121	21.516	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	182359	20.711	ug/L	98
46) Tetrachloroethene	10.861	164	181936	20.977	ug/L	94
48) 2-Hexanone	10.965	43	249772	40.695	ug/L	98
49) Dibromochloromethane	11.123	129	188698	20.701	ug/L	99
50) 1,2-Dibromoethane	11.233	107	170397	20.993	ug/L	93
51) Chlorobenzene	11.654	112	635059	20.883	ug/L	98
52) Ethylbenzene	11.727	91	1215556	22.014	ug/L	99
53) m,p-Xylene	11.837	106	442679	21.782	ug/L	97
54) o-Xylene	12.166	106	422126	22.037	ug/L	100
55) Styrene	12.178	104	724184	22.088	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	227190	20.679	ug/L	98
59) Bromoform	12.349	173	102903	20.880	ug/L	95
60) Isopropylbenzene	12.464	105	1181293	23.357	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	165763	21.080	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	939352	23.449	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	854855	23.125	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	457039	20.992	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	474721	21.582	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	414598	21.353	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	35991	19.738	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	285937	19.785	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	245825	20.303	ug/L	100
71) Naphthalene	15.360	128	471939	20.652	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	215356	20.046	ug/L	99

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

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