

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053023\
 Data File : VW026090.D
 Acq On : 30 May 2023 15:41
 Operator : SY/MD
 Sample : 02950-14MSD
 Misc : 4.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW990MSD

Quant Time: May 31 02:11:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 31 01:56:06 2023
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		8.843	114	865210	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.629	117	593343	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.556	152	162842	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.363	65	334541	27.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.960%	
7) Chloroethane-d5		2.893	69	225028	24.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.800%	
11) 1,1-Dichloroethene-d2		4.021	65	144108	24.011	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.040%	
21) 2-Butanone-d5		7.075	46	205952	58.119	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.240%	
24) Chloroform-d		7.648	84	596916	23.559	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.240%	
26) 1,2-Dichloroethane-d4		8.301	65	330139	23.829	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.320%	
32) Benzene-d6		8.270	84	1195145	29.935	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.720%	
36) 1,2-Dichloropropane-d6		9.270	67	393647	31.122	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.480%#	
41) Toluene-d8		10.319	98	944349	26.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.680%	
43) trans-1,3-Dichloroprop...		10.575	79	114209	22.786	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.160%	
47) 2-Hexanone-d5		10.922	63	133089	66.730	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.460%	
56) 1,1,2,2-Tetrachloroeth...		12.690	84	270655	29.405	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.640%	
66) 1,2-Dichlorobenzene-d4		13.848	152	170972	27.431	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.720%	
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		2.015	85	216258	20.389	ug/L #	86
3) Chloromethane		2.229	50	350398	25.765	ug/L	96
5) Vinyl chloride		2.375	62	364394	25.067	ug/L	98
6) Bromomethane		2.789	94	172906	21.818	ug/L	99
8) Chloroethane		2.930	64	172640	21.977	ug/L	96
9) Trichlorofluoromethane		3.265	101	219624	23.484	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...		4.070	101	268419	22.746	ug/L	98
12) 1,1-Dichloroethene		4.045	96	245079	22.248	ug/L	94
13) Acetone		4.118	43	235115	85.748	ug/L	100
14) Carbon disulfide		4.387	76	897487	23.079	ug/L	99
15) Methyl Acetate		4.673	43	159194	25.869	ug/L	98
16) Methylene chloride		4.923	84	328503	23.788	ug/L	99
17) trans-1,2-Dichloroethene		5.429	96	259626	21.006	ug/L	92
18) Methyl tert-butyl Ether		5.429	73	480572	24.671	ug/L	99
19) 1,1-Dichloroethane		6.216	63	550948	21.896	ug/L	99
20) cis-1,2-Dichloroethene		7.173	96	279225	21.328	ug/L	96
22) 2-Butanone		7.173	43	239423	61.213	ug/L	99
23) Bromochloromethane		7.514	128	117611	21.065	ug/L	85
25) Chloroform		7.673	83	498307	21.262	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	344467	21.311	ug/L	100
29) Cyclohexane	7.959	56	508647	27.767	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	410570	28.514	ug/L	100
31) Carbon tetrachloride	8.069	117	351710	26.767	ug/L	100
33) Benzene	8.325	78	1103175	27.141	ug/L	100
34) Trichloroethene	9.093	95	237000	22.771	ug/L	94
35) Methylcyclohexane	9.337	83	452727	24.582	ug/L	100
37) 1,2-Dichloropropane	9.368	63	307102	27.895	ug/L	100
38) Bromodichloromethane	9.642	83	328714	25.700	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	383161	23.683	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	438512	67.561	ug/L	99
42) Toluene	10.386	91	1009457	24.281	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	288961	21.439	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	190592	26.268	ug/L	98
46) Tetrachloroethene	10.861	164	153302	20.824	ug/L	97
48) 2-Hexanone	10.965	43	317462	69.368	ug/L	99
49) Dibromochloromethane	11.129	129	180610	23.742	ug/L	97
50) 1,2-Dibromoethane	11.233	107	154613	23.014	ug/L	100
51) Chlorobenzene	11.654	112	510064	19.579	ug/L	97
52) Ethylbenzene	11.727	91	1012979	21.600	ug/L	97
53) m,p-Xylene	11.837	106	369518	21.180	ug/L	93
54) o-Xylene	12.160	106	392198	23.818	ug/L	98
55) Styrene	12.178	104	516144	18.271	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	230193	26.215	ug/L	97
59) Bromoform	12.349	173	91104	37.249	ug/L	100
60) Isopropylbenzene	12.458	105	1041206	40.702	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	170423	46.722	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	799209	39.300	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	668442	35.888	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	233093	21.671	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	218277	20.157	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	236114	24.446	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	34649	41.000	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	130602	17.676	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	72901	11.957	ug/L	98
71) Naphthalene	15.360	128	238506	21.950	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	81883	15.368	ug/L	98

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

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