

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053023\
 Data File : VW026096.D
 Acq On : 30 May 2023 18:05
 Operator : SY/MD
 Sample : 02950-13MS
 Misc : 4.86g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW990MS

Quant Time: May 31 02:12:51 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	977443	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	735580	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	261646	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	334257	24.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.240%
7) Chloroethane-d5	2.893	69	266710	25.911	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.640%
11) 1,1-Dichloroethene-d2	4.021	65	130131	19.193	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.760%
21) 2-Butanone-d5	7.075	46	204784	51.154	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.300%
24) Chloroform-d	7.648	84	632379	22.093	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.360%
26) 1,2-Dichloroethane-d4	8.301	65	348422	22.261	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.040%
32) Benzene-d6	8.270	84	1269747	25.653	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	9.270	67	412248	26.290	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.160%
41) Toluene-d8	10.325	98	1051245	23.949	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	10.575	79	132985	21.401	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.600%
47) 2-Hexanone-d5	10.922	63	135044	54.617	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.240%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	285631	25.032	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.120%
66) 1,2-Dichlorobenzene-d4	13.849	152	232549	23.221	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	223171	18.625	ug/L	# 79
3) Chloromethane	2.223	50	330772	21.529	ug/L	96
5) Vinyl chloride	2.375	62	326454	19.878	ug/L	100
6) Bromomethane	2.783	94	168628	18.835	ug/L	99
8) Chloroethane	2.930	64	176082	19.841	ug/L	98
9) Trichlorofluoromethane	3.265	101	160240	15.166	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	211942	15.898	ug/L	99
12) 1,1-Dichloroethene	4.045	96	195122	15.679	ug/L	98
13) Acetone	4.119	43	160141	51.698	ug/L	99
14) Carbon disulfide	4.393	76	688720	15.677	ug/L	99
15) Methyl Acetate	4.673	43	128852	18.534	ug/L	100
16) Methylene chloride	4.917	84	330408	21.179	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	235599	16.873	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	424607	19.295	ug/L	100
19) 1,1-Dichloroethane	6.216	63	506244	17.809	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	257887	17.436	ug/L	97
22) 2-Butanone	7.167	43	209316	47.370	ug/L	99
23) Bromochloromethane	7.514	128	112423	17.823	ug/L	95
25) Chloroform	7.673	83	460556	17.395	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	320289	17.540	ug/L	100
29) Cyclohexane	7.959	56	456277	20.092	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	368055	20.619	ug/L	98
31) Carbon tetrachloride	8.069	117	327617	20.112	ug/L	97
33) Benzene	8.325	78	1028477	20.411	ug/L	100
34) Trichloroethene	9.093	95	231009	17.904	ug/L	99
35) Methylcyclohexane	9.337	83	412774	18.079	ug/L	99
37) 1,2-Dichloropropane	9.368	63	281547	20.629	ug/L	100
38) Bromodichloromethane	9.642	83	309613	19.526	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	375427	18.718	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	386518	48.035	ug/L	100
42) Toluene	10.386	91	974982	18.917	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	297373	17.797	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	177497	19.733	ug/L	98
46) Tetrachloroethene	10.861	164	151528	16.603	ug/L	95
48) 2-Hexanone	10.965	43	286436	50.486	ug/L	99
49) Dibromochloromethane	11.129	129	175791	18.640	ug/L	94
50) 1,2-Dibromoethane	11.233	107	147537	17.714	ug/L	91
51) Chlorobenzene	11.654	112	524452	16.239	ug/L	96
52) Ethylbenzene	11.727	91	1008853	17.352	ug/L	100
53) m,p-Xylene	11.837	106	378551	17.502	ug/L	91
54) o-Xylene	12.160	106	372242	18.235	ug/L	92
55) Styrene	12.178	104	548498	15.662	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	214887	19.740	ug/L	98
59) Bromoform	12.343	173	93135	23.699	ug/L	99
60) Isopropylbenzene	12.459	105	990138	24.089	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	157353	26.848	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	781505	23.918	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	690265	23.065	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	284825	16.481	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	276093	15.868	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	286881	18.486	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	33469	24.648	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	158830	13.379	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	103050	10.520	ug/L	95
71) Naphthalene	15.360	128	285471	16.351	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	101721	11.882	ug/L	95

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

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