

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101923\
 Data File : VW027358.D
 Acq On : 19 Oct 2023 19:12
 Operator : SY/MD
 Sample : 04953-09MS
 Misc : 4.14g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EOAT5MS

Quant Time: Oct 20 02:52:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 20 02:46:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	424210	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	322958	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	115048	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	141937	21.924	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.680%
7) Chloroethane-d5	2.899	69	110386	23.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	4.021	65	65814	20.288	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.160%
21) 2-Butanone-d5	7.087	46	74103	34.437	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.880%
24) Chloroform-d	7.648	84	274926	21.744	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.960%
26) 1,2-Dichloroethane-d4	8.307	65	153295	22.571	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.280%
32) Benzene-d6	8.276	84	545051	24.945	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.760%
36) 1,2-Dichloropropane-d6	9.276	67	176803	26.491	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.960%
41) Toluene-d8	10.325	98	436211	22.015	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.040%
43) trans-1,3-Dichloroprop...	10.575	79	62025	20.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.520%
47) 2-Hexanone-d5	10.922	63	56263	40.746	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	119183	23.935	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	84601	20.292	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	107353	21.269	ug/L	# 84
3) Chloromethane	2.228	50	144439	24.901	ug/L	98
5) Vinyl chloride	2.375	62	157695	24.338	ug/L	97
6) Bromomethane	2.789	94	73591	19.941	ug/L	95
8) Chloroethane	2.936	64	92120	24.699	ug/L	95
9) Trichlorofluoromethane	3.265	101	119600	26.164	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	113065	19.753	ug/L	93
12) 1,1-Dichloroethene	4.045	96	120400	21.644	ug/L	90
13) Acetone	4.143	43	90283	48.577	ug/L	99
14) Carbon disulfide	4.387	76	313441	18.176	ug/L	100
15) Methyl Acetate	4.679	43	56272	17.727	ug/L	98
16) Methylene chloride	4.917	84	163438	21.048	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	128941	21.568	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	273447	26.511	ug/L	99
19) 1,1-Dichloroethane	6.222	63	291544	23.902	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	146513	21.701	ug/L	95
22) 2-Butanone	7.179	43	126615	45.514	ug/L	95
23) Bromochloromethane	7.514	128	63251	22.692	ug/L	83
25) Chloroform	7.679	83	267630	23.444	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	185240	23.888	ug/L	98
29) Cyclohexane	7.959	56	189117	19.286	ug/L	98
30) 1,1,1-Trichloroethane	7.880	97	207066	26.284	ug/L	98
31) Carbon tetrachloride	8.069	117	161648	22.756	ug/L	99
33) Benzene	8.325	78	560425	26.552	ug/L	100
34) Trichloroethene	9.093	95	131886	23.656	ug/L	97
35) Methylcyclohexane	9.337	83	141227	14.165	ug/L	98
37) 1,2-Dichloropropane	9.367	63	159953	28.028	ug/L	99
38) Bromodichloromethane	9.642	83	179276	25.547	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	209220	22.193	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	225109	57.356	ug/L	98
42) Toluene	10.386	91	521079	23.534	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	176810	22.228	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	106627	27.151	ug/L	95
46) Tetrachloroethene	10.861	164	69629	18.087	ug/L	92
48) 2-Hexanone	10.965	43	159250	54.822	ug/L	96
49) Dibromochloromethane	11.129	129	101510	23.275	ug/L	99
50) 1,2-Dibromoethane	11.233	107	92442	24.279	ug/L	100
51) Chlorobenzene	11.654	112	290409	20.945	ug/L	99
52) Ethylbenzene	11.727	91	524854	20.399	ug/L	97
53) m,p-Xylene	11.837	106	193440	19.822	ug/L	96
54) o-Xylene	12.166	106	192314	20.579	ug/L	100
55) Styrene	12.178	104	303756	19.032	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	119300	24.885	ug/L	100
59) Bromoform	12.349	173	49194	28.736	ug/L	98
60) Isopropylbenzene	12.458	105	457884	25.335	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	92182	36.696	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	346275	22.969	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	330778	22.425	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	152762	20.843	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	149384	20.410	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	138199	21.250	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	18348	29.225	ug/L	95
69) 1,3,5-Trichlorobenzene	14.629	180	61923	13.015	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	48562	11.992	ug/L	97
71) Naphthalene	15.360	128	156565	18.801	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	40462	12.151	ug/L	90

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

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