

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026441.D
 Acq On : 29 Jun 2023 18:50
 Operator : SY/MD
 Sample : 03452-22MS
 Misc : 4.83g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46Q0MS

Quant Time: Jun 30 01:20:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 01:16:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	949370	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	658680	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	178918	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	307930	28.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.960%	
7) Chloroethane-d5	2.893	69	240170	27.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.160%	
11) 1,1-Dichloroethene-d2	4.021	65	146457	27.079	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 108.320%	
21) 2-Butanone-d5	7.075	46	200171	49.000	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.000%	
24) Chloroform-d	7.648	84	597792	25.833	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.320%	
26) 1,2-Dichloroethane-d4	8.301	65	325477	25.733	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 102.920%	
32) Benzene-d6	8.276	84	1232190	32.166	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 128.680%	
36) 1,2-Dichloropropane-d6	9.270	67	391711	32.083	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 128.320%#	
41) Toluene-d8	10.325	98	963873	28.484	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 113.920%	
43) trans-1,3-Dichloroprop...	10.575	79	136092	27.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 110.600%	
47) 2-Hexanone-d5	10.922	63	131895	64.596	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 129.200%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	235929	25.026	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 100.120%	
66) 1,2-Dichlorobenzene-d4	13.854	152	138289	22.197	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 88.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	261654	28.244	ug/L	90
3) Chloromethane	2.222	50	353738	27.088	ug/L	97
5) Vinyl chloride	2.369	62	344443	25.593	ug/L	99
6) Bromomethane	2.783	94	182949	23.903	ug/L	99
8) Chloroethane	2.930	64	204183	25.014	ug/L	100
9) Trichlorofluoromethane	3.259	101	265657	27.145	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	229659	21.143	ug/L	97
12) 1,1-Dichloroethene	4.039	96	266496	25.066	ug/L	93
13) Acetone	4.118	43	410153	142.127	ug/L	99
14) Carbon disulfide	4.393	76	816981	23.745	ug/L	100
15) Methyl Acetate	4.667	43	164689	26.283	ug/L	99
16) Methylene chloride	4.923	84	309918	19.319	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	283410	24.782	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	535224	28.637	ug/L	99
19) 1,1-Dichloroethane	6.216	63	607424	26.396	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	318454	24.584	ug/L	99
22) 2-Butanone	7.167	43	383848	81.129	ug/L	98
23) Bromochloromethane	7.514	128	134759	25.013	ug/L	95
25) Chloroform	7.673	83	541260	24.233	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	370985	24.292	ug/L	100
29) Cyclohexane	7.959	56	378566	20.274	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	406071	28.940	ug/L	100
31) Carbon tetrachloride	8.069	117	294312	23.298	ug/L	99
33) Benzene	8.325	78	1227657	29.763	ug/L	100
34) Trichloroethene	9.093	95	279756	26.625	ug/L	97
35) Methylcyclohexane	9.337	83	256747	13.716	ug/L	98
37) 1,2-Dichloropropane	9.367	63	323636	29.555	ug/L	99
38) Bromodichloromethane	9.642	83	346714	28.210	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	454464	27.729	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	481287	64.015	ug/L	99
42) Toluene	10.386	91	1111282	26.333	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	356924	26.647	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	213128	28.573	ug/L	98
46) Tetrachloroethene	10.861	164	150248	20.225	ug/L	96
48) 2-Hexanone	10.965	43	327331	64.864	ug/L	98
49) Dibromochloromethane	11.123	129	196447	26.442	ug/L	94
50) 1,2-Dibromoethane	11.233	107	190281	27.742	ug/L	97
51) Chlorobenzene	11.654	112	589795	22.588	ug/L	99
52) Ethylbenzene	11.727	91	1021387	21.508	ug/L	97
53) m,p-Xylene	11.836	106	365470	20.755	ug/L	98
54) o-Xylene	12.160	106	345451	21.153	ug/L	96
55) Styrene	12.178	104	566063	20.306	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	214130	23.509	ug/L	100
59) Bromoform	12.349	173	97582	41.190	ug/L	98
60) Isopropylbenzene	12.458	105	757317	29.020	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	170590	43.623	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	517722	24.948	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	503923	24.857	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	240150	21.933	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	245674	22.561	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	211227	21.318	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	29336	32.737	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	80715	10.829	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	60756	9.418	ug/L #	96
71) Naphthalene	15.360	128	213190	16.213	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	47282	8.523	ug/L #	90

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

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