

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062223\
 Data File : VW026301.D
 Acq On : 22 Jun 2023 15:50
 Operator : SY/MD
 Sample : 03383-03MSD
 Misc : 5.79g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW52MSD

Quant Time: Jun 23 01:05:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 23 01:02:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	624057	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	538681	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	236598	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	139618	15.903	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.600%
7) Chloroethane-d5	2.893	69	139221	21.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.720%
11) 1,1-Dichloroethene-d2	4.021	65	74708	17.258	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.040%
21) 2-Butanone-d5	7.075	46	234978	91.935	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	183.860%#
24) Chloroform-d	7.648	84	401086	21.948	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	8.307	65	250283	25.046	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	8.276	84	733156	20.227	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.920%
36) 1,2-Dichloropropane-d6	9.270	67	264372	23.022	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.080%
41) Toluene-d8	10.325	98	622470	19.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.440%
43) trans-1,3-Dichloroprop...	10.575	79	98600	21.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.680%
47) 2-Hexanone-d5	10.922	63	156065	86.191	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	172.380%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	290279	34.737	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	138.960%#
66) 1,2-Dichlorobenzene-d4	13.848	152	184721	20.398	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	118897	15.542	ug/L	94
3) Chloromethane	2.223	50	188363	19.203	ug/L	100
5) Vinyl chloride	2.375	62	206354	19.680	ug/L	97
6) Bromomethane	2.783	94	114238	19.986	ug/L	98
8) Chloroethane	2.930	64	128150	22.617	ug/L	98
9) Trichlorofluoromethane	3.265	101	153642	22.777	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	162637	19.107	ug/L	99
12) 1,1-Dichloroethene	4.045	96	159896	20.124	ug/L	81
13) Acetone	4.125	43	181100	91.571	ug/L	99
14) Carbon disulfide	4.393	76	435249	15.517	ug/L	99
15) Methyl Acetate	4.673	43	148211	33.391	ug/L	98
16) Methylene chloride	4.917	84	195817	19.660	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	167768	18.819	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	345826	24.614	ug/L	99
19) 1,1-Dichloroethane	6.216	63	385420	21.237	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	194609	20.609	ug/L	97
22) 2-Butanone	7.167	43	222534	78.880	ug/L	98
23) Bromochloromethane	7.514	128	88332	21.934	ug/L	93
25) Chloroform	7.679	83	363507	21.504	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	284230	24.380	ug/L	98
29) Cyclohexane	7.959	56	301997	18.159	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	280811	21.481	ug/L	99
31) Carbon tetrachloride	8.069	117	245769	20.603	ug/L	98
33) Benzene	8.325	78	775010	21.002	ug/L	100
34) Trichloroethene	9.093	95	184738	19.551	ug/L	95
35) Methylcyclohexane	9.337	83	280907	16.801	ug/L	99
37) 1,2-Dichloropropane	9.368	63	225563	22.568	ug/L	100
38) Bromodichloromethane	9.642	83	263277	22.673	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	324091	22.065	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	420355	71.335	ug/L	99
42) Toluene	10.386	91	783680	20.763	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	286835	23.441	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	171395	26.019	ug/L	97
46) Tetrachloroethene	10.861	164	122555	18.337	ug/L	95
48) 2-Hexanone	10.965	43	312508	75.214	ug/L	99
49) Dibromochloromethane	11.129	129	172281	24.945	ug/L	90
50) 1,2-Dibromoethane	11.233	107	156976	25.737	ug/L #	97
51) Chlorobenzene	11.654	112	474745	20.073	ug/L	99
52) Ethylbenzene	11.727	91	844892	19.844	ug/L	98
53) m,p-Xylene	11.837	106	310704	19.616	ug/L	100
54) o-Xylene	12.166	106	297107	19.874	ug/L	95
55) Styrene	12.178	104	506162	19.735	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	234586	29.426	ug/L	98
59) Bromoform	12.349	173	99572	28.020	ug/L	98
60) Isopropylbenzene	12.459	105	795918	21.414	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	175637	33.141	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	619333	20.961	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	562593	20.789	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	290569	18.593	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	301746	19.178	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	278240	19.827	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	39359	32.055	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	156460	14.575	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	112837	12.738	ug/L	95
71) Naphthalene	15.360	128	305651	19.360	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	111778	14.439	ug/L	97

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

