

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
 Data File : VW027401.D
 Acq On : 23 Oct 2023 17:38
 Operator : SY/MD
 Sample : 04961-09MS
 Misc : 6.58g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0LJ3MS

Quant Time: Oct 24 00:51:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	493101	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	307239	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	59154	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	218652	29.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.200%	
7) Chloroethane-d5	2.899	69	177295	32.811	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 131.240%	
11) 1,1-Dichloroethene-d2	4.021	65	104142	27.618	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 110.480%#	
21) 2-Butanone-d5	7.081	46	141440	56.547	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 113.100%	
24) Chloroform-d	7.648	84	435393	29.625	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 118.520%	
26) 1,2-Dichloroethane-d4	8.307	65	227426	28.807	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 115.240%	
32) Benzene-d6	8.276	84	877037	42.192	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 168.760%#	
36) 1,2-Dichloropropane-d6	9.276	67	273770	43.119	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 172.480%#	
41) Toluene-d8	10.325	98	625879	33.203	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 132.800%#	
43) trans-1,3-Dichloroprop...	10.575	79	80597	27.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 111.360%	
47) 2-Hexanone-d5	10.922	63	95168	72.448	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 144.900%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	172181	36.348	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 145.400%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	71495	33.352	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 133.400%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	112835	19.232	ug/L	93
3) Chloromethane	2.222	50	140994	20.911	ug/L	100
5) Vinyl chloride	2.375	62	154136	20.465	ug/L	98
6) Bromomethane	2.789	94	81962	19.106	ug/L	99
8) Chloroethane	2.936	64	88752	20.472	ug/L	99
9) Trichlorofluoromethane	3.265	101	116703	21.964	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	119600	17.975	ug/L #	72
12) 1,1-Dichloroethene	4.045	96	121138	18.735	ug/L	94
13) Acetone	4.131	43	90795	42.027	ug/L	100
14) Carbon disulfide	4.393	76	331231	16.524	ug/L	99
15) Methyl Acetate	4.673	43	65356	17.712	ug/L	99
16) Methylene chloride	4.923	84	148718	16.476	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	137080	19.726	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	233959	19.514	ug/L	99
19) 1,1-Dichloroethane	6.222	63	301976	21.299	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	311783	39.729	ug/L	97
22) 2-Butanone	7.173	43	99729	30.841	ug/L	98
23) Bromochloromethane	7.514	128	57448	17.731	ug/L	88
25) Chloroform	7.679	83	254959	19.214	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	163862	18.179	ug/L	99
29) Cyclohexane	7.959	56	194990	20.902	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	203860	27.201	ug/L	97
31) Carbon tetrachloride	8.069	117	165291	24.459	ug/L	97
33) Benzene	8.325	78	539806	26.884	ug/L	100
34) Trichloroethene	9.093	95	615376	116.024	ug/L	95
35) Methylcyclohexane	9.337	83	135296	14.264	ug/L	99
37) 1,2-Dichloropropane	9.367	63	148397	27.333	ug/L	99
38) Bromodichloromethane	9.642	83	161291	24.160	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	200092	22.311	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	188193	50.404	ug/L	98
42) Toluene	10.386	91	448373	21.286	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	140370	18.550	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	90714	24.281	ug/L	96
46) Tetrachloroethene	10.861	164	2486720	679.000	ug/L	95
48) 2-Hexanone	10.965	43	127235	46.042	ug/L	97
49) Dibromochloromethane	11.123	129	81913	19.742	ug/L	91
50) 1,2-Dibromoethane	11.233	107	67792	18.716	ug/L	98
51) Chlorobenzene	11.654	112	216668	16.426	ug/L	97
52) Ethylbenzene	11.727	91	364136	14.876	ug/L	95
53) m,p-Xylene	11.837	106	130083	14.012	ug/L	98
54) o-Xylene	12.166	106	154704	17.401	ug/L	99
55) Styrene	12.178	104	197777	13.026	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	100365	22.006	ug/L	100
59) Bromoform	12.343	173	36847	41.861	ug/L	97
60) Isopropylbenzene	12.458	105	338814	36.460	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	72892	56.435	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	254668	32.854	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	211132	27.838	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	62905	16.693	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	58917	15.656	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	69268	20.715	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	12755	39.513	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	23489	9.602	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	12526	6.016	ug/L	100
71) Naphthalene	15.360	128	58177	13.587	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	13781	8.049	ug/L	95

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

