

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011725\
 Data File : VW031570.D
 Acq On : 17 Jan 2025 13:03
 Operator : SY/MD
 Sample : Q1108-04MSD
 Misc : 2.01g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YE8F7MSD

Quant Time: Jan 18 00:39:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jan 18 00:35:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	1091918	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	920393	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	419411	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	379411	22.144	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.560%
7) Chloroethane-d5	2.899	69	263671	21.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	4.021	65	172455	22.621	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.480%
21) 2-Butanone-d5	7.088	46	138347	50.229	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.460%
24) Chloroform-d	7.648	84	659256	23.329	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.320%
26) 1,2-Dichloroethane-d4	8.301	65	334228	24.030	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.120%
32) Benzene-d6	8.270	84	1374079	23.767	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.080%
36) 1,2-Dichloropropane-d6	9.270	67	408432	23.927	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.720%
41) Toluene-d8	10.319	98	1246395	23.882	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.520%
43) trans-1,3-Dichloroprop...	10.575	79	175620	25.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.200%
47) 2-Hexanone-d5	10.922	63	97416	55.923	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	268197	25.692	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.760%
66) 1,2-Dichlorobenzene-d4	13.849	152	360734	24.522	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.080%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	246523	17.358	ug/L	95
3) Chloromethane	2.223	50	240824	16.360	ug/L	98
5) Vinyl chloride	2.369	62	321797	17.139	ug/L	98
6) Bromomethane	2.790	94	179190	16.328	ug/L	95
8) Chloroethane	2.930	64	181690	16.462	ug/L	100
9) Trichlorofluoromethane	3.265	101	297441	15.946	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	251539	17.612	ug/L	98
12) 1,1-Dichloroethene	4.039	96	262183	18.045	ug/L	85
13) Acetone	4.155	43	77755m	36.680	ug/L	
14) Carbon disulfide	4.387	76	854974	17.469	ug/L	100
15) Methyl Acetate	4.686	43	104611	18.837	ug/L #	75
16) Methylene chloride	4.917	84	264209	17.767	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	285566	18.299	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	470885	18.817	ug/L	99
19) 1,1-Dichloroethane	6.216	63	532629	18.141	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	309734	18.589	ug/L	97
22) 2-Butanone	7.179	43	130967	36.175	ug/L	97
23) Bromochloromethane	7.514	128	121653	18.643	ug/L	93
25) Chloroform	7.673	83	518525	18.567	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	323633	18.815	ug/L	98
29) Cyclohexane	7.953	56	524180	17.769	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	437240	18.300	ug/L	98
31) Carbon tetrachloride	8.063	117	388370	18.333	ug/L	99
33) Benzene	8.325	78	1166033	18.511	ug/L	100
34) Trichloroethene	9.087	95	309395	18.269	ug/L	96
35) Methylcyclohexane	9.331	83	517478	17.043	ug/L	99
37) 1,2-Dichloropropane	9.368	63	296355	18.718	ug/L	100
38) Bromodichloromethane	9.642	83	359342	18.763	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	480781	19.304	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	311379	39.402	ug/L	99
42) Toluene	10.386	91	1216093	18.468	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	389855	19.583	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	194065	19.123	ug/L	97
46) Tetrachloroethene	10.861	164	212119	17.454	ug/L	88
48) 2-Hexanone	10.965	43	204631	42.373	ug/L	99
49) Dibromochloromethane	11.123	129	220366	19.736	ug/L	99
50) 1,2-Dibromoethane	11.233	107	188062	19.995	ug/L	98
51) Chlorobenzene	11.654	112	757699	18.635	ug/L	99
52) Ethylbenzene	11.727	91	1397558	18.498	ug/L	97
53) m,p-Xylene	11.837	106	530386	18.411	ug/L	100
54) o-Xylene	12.160	106	497406	18.579	ug/L	99
55) Styrene	12.178	104	838550	18.824	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	224693	20.150	ug/L	99
59) Bromoform	12.343	173	109893	19.664	ug/L	97
60) Isopropylbenzene	12.459	105	1331556	18.174	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	161077	20.451	ug/L	98
62) 1,3,5-Trimethylbenzene	12.934	105	1131530	18.756	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1108968	18.886	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	543724	18.711	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	538540	18.738	ug/L	92
67) 1,2-Dichlorobenzene	13.861	146	484881	19.539	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	37247	21.153	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	341486	17.341	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	291952	18.613	ug/L	99
71) Naphthalene	15.354	128	606071	20.606	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	245623	18.593	ug/L	96

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

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