

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031609.D
 Acq On : 28 Jan 2025 11:26
 Operator : SY/MD
 Sample : Q1190-06MS
 Misc : 7.57g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44S6MS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/29/2025
 Supervised By : Mahesh Dadoda 01/29/2025

Quant Time: Jan 29 07:32:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 28 00:17:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	784800	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	576959	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	187529	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.363	65	196526	15.958	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.840%
7) Chloroethane-d5	2.893	69	157412	17.898	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	4.021	65	99623	18.182	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.720%
21) 2-Butanone-d5	7.081	46	177737	89.782	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	179.560%#
24) Chloroform-d	7.648	84	468832	23.083	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.320%
26) 1,2-Dichloroethane-d4	8.301	65	271284	27.137	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.560%
32) Benzene-d6	8.270	84	914562	25.235	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.960%
36) 1,2-Dichloropropane-d6	9.270	67	297121	27.767	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.080%
41) Toluene-d8	10.318	98	742749	22.703	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	10.575	79	128333	29.206	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	116.840%
47) 2-Hexanone-d5	10.922	63	129154	118.275	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	236.560%#
56) 1,1,2,2-Tetrachloroeth...	12.684	84	250189	38.234	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	152.920%#
66) 1,2-Dichlorobenzene-d4	13.848	152	142342	21.641	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.560%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.009	85	210121	20.585	ug/L	96
3) Chloromethane	2.222	50	206196	19.490	ug/L	99
5) Vinyl chloride	2.375	62	265509	19.675	ug/L	99
6) Bromomethane	2.789	94	149437	18.946	ug/L	99
8) Chloroethane	2.930	64	152577	19.234	ug/L	100
9) Trichlorofluoromethane	3.259	101	229139	17.091	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	204889	19.959	ug/L	97
12) 1,1-Dichloroethene	4.039	96	212450	20.344	ug/L	97
13) Acetone	4.149	43	143686	94.308	ug/L #	58
14) Carbon disulfide	4.387	76	617923	17.566	ug/L	98
15) Methyl Acetate	4.679	43	149252m	37.393	ug/L	
16) Methylene chloride	4.917	84	236169	22.096	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	236762	21.109	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	525705	29.229	ug/L	99
19) 1,1-Dichloroethane	6.216	63	481432	22.814	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	267027	22.297	ug/L	97
22) 2-Butanone	7.179	43	203363	78.153	ug/L	100
23) Bromochloromethane	7.514	128	120784	25.754	ug/L	96
25) Chloroform	7.673	83	461050	22.970	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	333791	27.000	ug/L	100
29) Cyclohexane	7.953	56	363099	19.635	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	359198	23.983	ug/L	100
31) Carbon tetrachloride	8.069	117	309389	23.299	ug/L	97
33) Benzene	8.319	78	989723	25.064	ug/L	100
34) Trichloroethene	9.087	95	239980	22.605	ug/L	96
35) Methylcyclohexane	9.331	83	280370	14.730	ug/L	98
37) 1,2-Dichloropropane	9.367	63	270071	27.212	ug/L	100
38) Bromodichloromethane	9.642	83	326137	27.166	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	429513	27.511	ug/L	100
40) 4-Methyl-2-pentanone	10.203	43	468370	94.546	ug/L	99
42) Toluene	10.379	91	943335	22.854	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	358528	28.730	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	209010	32.855	ug/L	99
46) Tetrachloroethene	10.855	164	140050	18.383	ug/L	97
48) 2-Hexanone	10.965	43	327052	108.035	ug/L	99
49) Dibromochloromethane	11.129	129	200445	28.637	ug/L	100
50) 1,2-Dibromoethane	11.233	107	197272	33.459	ug/L	97
51) Chlorobenzene	11.654	112	524814	20.590	ug/L	99
52) Ethylbenzene	11.727	91	931486	19.668	ug/L	96
53) m,p-Xylene	11.836	106	336065	18.610	ug/L	97
54) o-Xylene	12.160	106	341623	20.356	ug/L	97
55) Styrene	12.172	104	543180	19.451	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	245439	35.112	ug/L	99
59) Bromoform	12.342	173	110138	44.076	ug/L	98
60) Isopropylbenzene	12.458	105	787996	24.054	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	194294	55.172	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	585564	21.708	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	559572	21.314	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	251362	19.346	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	254526	19.806	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	229714	20.703	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	42676	54.204	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	107959	12.261	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	85724	12.223	ug/L	95
71) Naphthalene	15.360	128	292703	22.257	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	72018	12.192	ug/L	97

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

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