

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031610.D
 Acq On : 28 Jan 2025 11:50
 Operator : SY/MD
 Sample : Q1190-07MSD
 Misc : 5.73g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44S6MSD

Quant Time: Jan 29 07:32:55 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	795922	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	578674	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.549	152	178435	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	181088	14.499	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	58.000%		
7) Chloroethane-d5	2.893	69	152013	17.043	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.160%		
11) 1,1-Dichloroethene-d2	4.021	65	92002	16.556	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.240%		
21) 2-Butanone-d5	7.081	46	156656	78.028	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	156.060%#		
24) Chloroform-d	7.648	84	444392	21.574	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.280%		
26) 1,2-Dichloroethane-d4	8.300	65	251687	24.825	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.280%		
32) Benzene-d6	8.270	84	864507	23.784	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.120%		
36) 1,2-Dichloropropane-d6	9.270	67	284040	26.466	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.880%		
41) Toluene-d8	10.318	98	709500	21.622	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.480%		
43) trans-1,3-Dichloroprop...	10.574	79	118779	26.951	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	107.800%		
47) 2-Hexanone-d5	10.922	63	111019	101.367	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	202.740%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	223834	34.105	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	136.400%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	129707	20.725	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	165121	15.950	ug/L	99
3) Chloromethane	2.222	50	192884	17.977	ug/L	98
5) Vinyl chloride	2.375	62	238195	17.404	ug/L	99
6) Bromomethane	2.789	94	137861	17.234	ug/L	93
8) Chloroethane	2.929	64	140675	17.486	ug/L	98
9) Trichlorofluoromethane	3.265	101	205571	15.119	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	186436	17.908	ug/L	94
12) 1,1-Dichloroethene	4.039	96	190674	18.003	ug/L	92
13) Acetone	4.149	43	123358	79.834	ug/L #	55
14) Carbon disulfide	4.386	76	565513	15.852	ug/L	99
15) Methyl Acetate	4.673	43	130828m	32.319	ug/L	
16) Methylene chloride	4.923	84	221557	20.439	ug/L	93
17) trans-1,2-Dichloroethene	5.423	96	213281	18.750	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	472609	25.910	ug/L	99
19) 1,1-Dichloroethane	6.215	63	435656	20.356	ug/L	100
20) cis-1,2-Dichloroethene	7.166	96	245080	20.179	ug/L	99
22) 2-Butanone	7.179	43	165068	62.550	ug/L	100
23) Bromochloromethane	7.514	128	108193	22.747	ug/L	94
25) Chloroform	7.672	83	421271	20.695	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	298218	23.786	ug/L	98
29) Cyclohexane	7.953	56	315194	16.994	ug/L	98
30) 1,1,1-Trichloroethane	7.867	97	326031	21.704	ug/L	99
31) Carbon tetrachloride	8.063	117	273697	20.550	ug/L	98
33) Benzene	8.319	78	892618	22.538	ug/L	100
34) Trichloroethene	9.087	95	209057	19.634	ug/L	97
35) Methylcyclohexane	9.331	83	237750	12.454	ug/L	98
37) 1,2-Dichloropropane	9.361	63	246652	24.779	ug/L	100
38) Bromodichloromethane	9.642	83	293754	24.397	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	384900	24.580	ug/L	99
40) 4-Methyl-2-pentanone	10.202	43	386476	77.784	ug/L	99
42) Toluene	10.385	91	839644	20.281	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	320039	25.569	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	182904	28.666	ug/L	97
46) Tetrachloroethene	10.861	164	118479	15.506	ug/L	97
48) 2-Hexanone	10.964	43	266553	87.789	ug/L	99
49) Dibromochloromethane	11.123	129	179618	25.586	ug/L	100
50) 1,2-Dibromoethane	11.233	107	170978	28.913	ug/L	100
51) Chlorobenzene	11.653	112	454196	17.767	ug/L	99
52) Ethylbenzene	11.727	91	809531	17.042	ug/L	98
53) m,p-Xylene	11.836	106	292822	16.167	ug/L	98
54) o-Xylene	12.159	106	303369	18.023	ug/L	96
55) Styrene	12.178	104	473555	16.908	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	212948	30.374	ug/L	99
59) Bromoform	12.342	173	92718	38.996	ug/L	99
60) Isopropylbenzene	12.458	105	703764	22.577	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	166989	49.835	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	514787	20.057	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	501666	20.082	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	206451	16.699	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	219733	17.970	ug/L	99
67) 1,2-Dichlorobenzene	13.866	146	210092	19.899	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	35710	47.668	ug/L	92
69) 1,3,5-Trichlorobenzene	14.622	180	89976	10.739	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	70914	10.627	ug/L	97
71) Naphthalene	15.360	128	253945	20.294	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	59218	10.536	ug/L	97

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

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