

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031627.D
 Acq On : 28 Jan 2025 18:42
 Operator : SY/MD
 Sample : Q1189-10MSD
 Misc : 8.90g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44R1MSD

Manual Integrations
 APPROVED

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

Quant Time: Jan 29 07:35:05 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	878615	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	777113	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	366601	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	178178	12.924	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	51.680%		
7) Chloroethane-d5	2.893	69	140208	14.240	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	56.960%		
11) 1,1-Dichloroethene-d2	4.021	65	90246	14.712	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.840%		
21) 2-Butanone-d5	7.087	46	171166	77.231	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	154.460%#		
24) Chloroform-d	7.642	84	453722	19.954	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.800%		
26) 1,2-Dichloroethane-d4	8.301	65	262316	23.438	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.760%		
32) Benzene-d6	8.270	84	888804	18.208	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	72.840%		
36) 1,2-Dichloropropane-d6	9.270	67	287194	19.927	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	79.720%		
41) Toluene-d8	10.319	98	777278	17.639	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	70.560%		
43) trans-1,3-Dichloroprop...	10.575	79	130480	22.046	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.200%		
47) 2-Hexanone-d5	10.922	63	126825	86.229	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	172.460%#		
56) 1,1,2,2-Tetrachloroeth...	12.684	84	287372	32.605	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	130.400%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	252151	19.610	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	78.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	159754	13.979	ug/L	98
3) Chloromethane	2.222	50	197144	16.644	ug/L	100
5) Vinyl chloride	2.375	62	243646	16.127	ug/L	98
6) Bromomethane	2.789	94	138292	15.661	ug/L	98
8) Chloroethane	2.930	64	141791	15.966	ug/L	100
9) Trichlorofluoromethane	3.259	101	218056	14.528	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	208831	18.171	ug/L	90
12) 1,1-Dichloroethene	4.039	96	204471	17.489	ug/L	95
13) Acetone	4.149	43	143928m	84.380	ug/L	
14) Carbon disulfide	4.387	76	593352	15.067	ug/L	99
15) Methyl Acetate	4.679	43	127509m	28.534	ug/L	
16) Methylene chloride	4.917	84	227500	19.012	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	227475	18.115	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	508280	25.243	ug/L	100
19) 1,1-Dichloroethane	6.210	63	458924	19.425	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	264522	19.730	ug/L	94
22) 2-Butanone	7.179	43	199832	68.596	ug/L	99
23) Bromochloromethane	7.514	128	116312	22.152	ug/L	93
25) Chloroform	7.673	83	457135	20.343	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	336402	24.306	ug/L	100
29) Cyclohexane	7.953	56	414142	16.627	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	346931	17.198	ug/L	99
31) Carbon tetrachloride	8.069	117	313428	17.524	ug/L	99
33) Benzene	8.319	78	994740	18.703	ug/L	100
34) Trichloroethene	9.087	95	256128	17.912	ug/L	97
35) Methylcyclohexane	9.331	83	399313	15.576	ug/L	99
37) 1,2-Dichloropropane	9.367	63	274567	20.540	ug/L	99
38) Bromodichloromethane	9.642	83	337863	20.895	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	435139	20.693	ug/L	96
40) 4-Methyl-2-pentanone	10.203	43	475686	71.291	ug/L	99
42) Toluene	10.386	91	1041247	18.729	ug/L	99
44) trans-1,3-Dichloropropene	10.599	75	382151	22.735	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	220576	25.743	ug/L	95
46) Tetrachloroethene	10.861	164	171061	16.671	ug/L	95
48) 2-Hexanone	10.965	43	336932	82.632	ug/L	99
49) Dibromochloromethane	11.123	129	225179	23.885	ug/L	97
50) 1,2-Dibromoethane	11.227	107	219031	27.581	ug/L	98
51) Chlorobenzene	11.654	112	658424	19.179	ug/L	100
52) Ethylbenzene	11.727	91	1153315	18.079	ug/L	97
53) m,p-Xylene	11.837	106	442037	18.174	ug/L	95
54) o-Xylene	12.160	106	430737	19.055	ug/L	95
55) Styrene	12.178	104	726657	19.319	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	289295	30.727	ug/L	94
59) Bromoform	12.343	173	124452	25.477	ug/L	98
60) Isopropylbenzene	12.458	105	1132057	17.677	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	222032	32.251	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	917946	17.407	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	912759	17.784	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	447527	17.619	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	462450	18.408	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	444505	20.492	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	55852	36.288	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	250558	14.556	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	236155	17.224	ug/L	99
71) Naphthalene	15.354	128	790405	30.745	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	229863	19.906	ug/L	97

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

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