

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
 Data File : VW031653.D
 Acq On : 29 Jan 2025 19:59
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025490

Quant Time: Jan 30 07:35:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 30 07:28:52 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/30/2025
 Supervised By :Mahesh Dadoda 01/30/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	589592	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	524476	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	249628	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	126615	13.686	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	54.760%		
7) Chloroethane-d5	2.893	69	112151m	16.974	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.880%		
11) 1,1-Dichloroethene-d2	4.015	65	68224	16.574	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.280%		
21) 2-Butanone-d5	7.075	46	108068	72.664	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	145.320%#		
24) Chloroform-d	7.648	84	360706	23.639	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.560%		
26) 1,2-Dichloroethane-d4	8.301	65	194363	25.880	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	103.520%		
32) Benzene-d6	8.270	84	703460	21.353	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.400%		
36) 1,2-Dichloropropane-d6	9.270	67	222379	22.862	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.440%		
41) Toluene-d8	10.319	98	628156	21.122	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.480%		
43) trans-1,3-Dichloroprop...	10.575	79	89988	22.529	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.120%		
47) 2-Hexanone-d5	10.922	63	75551	76.111	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	152.220%#		
56) 1,1,2,2-Tetrachloroeth...	12.684	84	192145	32.302	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	129.200%#		
66) 1,2-Dichlorobenzene-d4	13.849	152	203785	23.275	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	97442	12.707	ug/L	90
3) Chloromethane	2.216	50	124522	15.667	ug/L	96
5) Vinyl chloride	2.375	62	144534	14.256	ug/L	100
6) Bromomethane	2.783	94	90388	15.254	ug/L	97
8) Chloroethane	2.930	64	92507	15.523	ug/L	96
9) Trichlorofluoromethane	3.259	101	126324	12.542	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	131468	17.047	ug/L	91
12) 1,1-Dichloroethene	4.039	96	131437	16.753	ug/L	90
13) Acetone	4.137	43	60451m	52.813	ug/L	
14) Carbon disulfide	4.393	76	366581	13.872	ug/L	99
15) Methyl Acetate	4.673	43	82805m	27.614	ug/L	
16) Methylene chloride	4.917	84	152026	18.933	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	153389	18.203	ug/L	90
18) Methyl tert-butyl Ether	5.423	73	301789	22.335	ug/L	99
19) 1,1-Dichloroethane	6.210	63	308834	19.480	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	179806	19.985	ug/L	97
22) 2-Butanone	7.173	43	106987	54.729	ug/L	100
23) Bromochloromethane	7.508	128	76813	21.801	ug/L	94
25) Chloroform	7.673	83	307693	20.405	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	212355	22.864	ug/L	100
29) Cyclohexane	7.953	56	258041	15.350	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	227530	16.712	ug/L	99
31) Carbon tetrachloride	8.069	117	199152	16.498	ug/L	98
33) Benzene	8.319	78	674608	18.794	ug/L	100
34) Trichloroethene	9.087	95	175319	18.167	ug/L	98
35) Methylcyclohexane	9.331	83	264003	15.258	ug/L	99
37) 1,2-Dichloropropane	9.362	63	183170	20.303	ug/L	100
38) Bromodichloromethane	9.642	83	218333	20.007	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	277920	19.582	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	243352	54.039	ug/L	99
42) Toluene	10.380	91	705641	18.806	ug/L	99
44) trans-1,3-Dichloropropene	10.599	75	229926	20.268	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	138043	23.871	ug/L	97
46) Tetrachloroethene	10.855	164	114272	16.501	ug/L	87
48) 2-Hexanone	10.965	43	166537	60.517	ug/L	99
49) Dibromochloromethane	11.123	129	138488	21.765	ug/L	100
50) 1,2-Dibromoethane	11.233	107	128462	23.969	ug/L	99
51) Chlorobenzene	11.654	112	442876	19.114	ug/L	95
52) Ethylbenzene	11.727	91	803422	18.661	ug/L	96
53) m,p-Xylene	11.831	106	303446	18.485	ug/L	98
54) o-Xylene	12.160	106	292989	19.205	ug/L	100
55) Styrene	12.178	104	510669	20.117	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	167370	26.340	ug/L	98
59) Bromoform	12.349	173	75222	22.615	ug/L	100
60) Isopropylbenzene	12.459	105	786883	18.044	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	123182	26.277	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	657076	18.299	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	642947	18.397	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	326833	18.897	ug/L	95
65) 1,4-Dichlorobenzene	13.568	146	328751	19.218	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	301819	20.434	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	26947	25.712	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	204873	17.479	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	185397	19.859	ug/L	98
71) Naphthalene	15.360	128	447515	25.564	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	170922	21.738	ug/L	93

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

