

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031628.D
 Acq On : 28 Jan 2025 19:06
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025488

Quant Time: Jan 29 07:35:17 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	548206	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	501753	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	242304	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.369	65	146112	16.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.960%
7) Chloroethane-d5	2.899	69	121513	19.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.120%
11) 1,1-Dichloroethene-d2	4.015	65	76736	20.049	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.200%
21) 2-Butanone-d5	7.087	46	97321	70.378	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.760%#
24) Chloroform-d	7.648	84	372191	26.233	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.920%
26) 1,2-Dichloroethane-d4	8.301	65	195284	27.965	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.880%
32) Benzene-d6	8.270	84	744956	23.636	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.560%
36) 1,2-Dichloropropane-d6	9.270	67	233996	25.146	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.600%
41) Toluene-d8	10.319	98	682904	24.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	10.575	79	96226	25.181	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.720%
47) 2-Hexanone-d5	10.922	63	67183	70.746	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.500%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	181207	31.843	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.360%#
66) 1,2-Dichlorobenzene-d4	13.848	152	222270	26.154	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.009	85	110835	15.544	ug/L	95
3) Chloromethane	2.222	50	140914	19.068	ug/L	98
5) Vinyl chloride	2.375	62	161967	17.182	ug/L	99
6) Bromomethane	2.789	94	100353	18.214	ug/L	97
8) Chloroethane	2.936	64	102733	18.540	ug/L	99
9) Trichlorofluoromethane	3.259	101	139537	14.900	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	133164	18.571	ug/L	100
12) 1,1-Dichloroethene	4.039	96	139348	19.102	ug/L	86
13) Acetone	4.143	43	61013m	57.329	ug/L	
14) Carbon disulfide	4.387	76	420847	17.127	ug/L	99
15) Methyl Acetate	4.679	43	76396	27.400	ug/L #	74
16) Methylene chloride	4.923	84	160972	21.560	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	163947	20.925	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	303130	24.128	ug/L	99
19) 1,1-Dichloroethane	6.216	63	325262	22.065	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	187406	22.402	ug/L	96
22) 2-Butanone	7.179	43	96362	53.015	ug/L	98
23) Bromochloromethane	7.514	128	77649	23.702	ug/L	96
25) Chloroform	7.673	83	321145	22.905	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	213282	24.698	ug/L	99
29) Cyclohexane	7.953	56	277533	17.258	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	248310	19.064	ug/L	98
31) Carbon tetrachloride	8.063	117	212342	18.387	ug/L	99
33) Benzene	8.319	78	708995	20.646	ug/L	100
34) Trichloroethene	9.087	95	181613	19.671	ug/L	97
35) Methylcyclohexane	9.331	83	272219	16.446	ug/L	98
37) 1,2-Dichloropropane	9.361	63	187406	21.713	ug/L	99
38) Bromodichloromethane	9.642	83	230094	22.039	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	289769	21.342	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	224962	52.218	ug/L	99
42) Toluene	10.380	91	745548	20.769	ug/L	98
44) trans-1,3-Dichloropropene	10.599	75	237860	21.917	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	133744	24.175	ug/L	99
46) Tetrachloroethene	10.861	164	120778	18.230	ug/L	90
48) 2-Hexanone	10.965	43	152640	57.979	ug/L	97
49) Dibromochloromethane	11.123	129	140984	23.161	ug/L	97
50) 1,2-Dibromoethane	11.233	107	122322	23.857	ug/L	94
51) Chlorobenzene	11.654	112	472860	21.333	ug/L	97
52) Ethylbenzene	11.727	91	838648	20.362	ug/L	96
53) m,p-Xylene	11.837	106	317593	20.223	ug/L	98
54) o-Xylene	12.160	106	308229	21.119	ug/L	97
55) Styrene	12.178	104	526789	21.692	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	158097	26.007	ug/L	98
59) Bromoform	12.349	173	70980	21.984	ug/L	97
60) Isopropylbenzene	12.458	105	831669	19.648	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	116522	25.608	ug/L	98
62) 1,3,5-Trimethylbenzene	12.934	105	689624	19.786	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	679038	20.017	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	343169	20.441	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	344351	20.739	ug/L	99
67) 1,2-Dichlorobenzene	13.861	146	314122	21.910	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	27143	26.682	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	216073	18.992	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	193771	21.383	ug/L	96
71) Naphthalene	15.354	128	452128	26.608	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	171949	22.529	ug/L	98

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

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