

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103024\
 Data File : VW030828.D
 Acq On : 30 Oct 2024 11:01
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025543

Quant Time: Nov 01 00:58:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 30 01:14:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	348951	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	305125	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	158165	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	99376	18.118	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.480%
7) Chloroethane-d5	2.899	69	89203	21.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.920%
11) 1,1-Dichloroethene-d2	4.021	65	41391	18.143	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.560%
21) 2-Butanone-d5	7.075	46	45301	45.893	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.780%
24) Chloroform-d	7.648	84	230626	23.110	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.440%
26) 1,2-Dichloroethane-d4	8.300	65	115941	22.343	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.360%
32) Benzene-d6	8.276	84	401918	22.695	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	9.270	67	132418	25.475	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.920%
41) Toluene-d8	10.325	98	366770	22.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.760%
43) trans-1,3-Dichloroprop...	10.574	79	51826	23.811	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.240%
47) 2-Hexanone-d5	10.922	63	46098	68.856	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.720%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	95567	25.035	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	125853	23.517	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	104379	23.412	ug/L	99
3) Chloromethane	2.222	50	127194	24.547	ug/L	95
5) Vinyl chloride	2.375	62	155027	24.328	ug/L	99
6) Bromomethane	2.789	94	106557	25.406	ug/L	96
8) Chloroethane	2.936	64	96758	24.839	ug/L	98
9) Trichlorofluoromethane	3.271	101	127787	22.412	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	110586	21.557	ug/L #	70
12) 1,1-Dichloroethene	4.039	96	106567	22.762	ug/L	96
13) Acetone	4.112	43	87980	60.881	ug/L	97
14) Carbon disulfide	4.387	76	365026	23.876	ug/L	99
15) Methyl Acetate	4.667	43	39946	22.377	ug/L	99
16) Methylene chloride	4.917	84	115686	21.929	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	118370	23.431	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	167734	23.724	ug/L	99
19) 1,1-Dichloroethane	6.216	63	218521	23.274	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	141904	26.335	ug/L	95
22) 2-Butanone	7.167	43	98879	63.476	ug/L	99
23) Bromochloromethane	7.514	128	57898	24.562	ug/L #	93
25) Chloroform	7.673	83	241168	24.036	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	153823	23.238	ug/L	99
29) Cyclohexane	7.959	56	201669	27.152	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	207460	25.613	ug/L	100
31) Carbon tetrachloride	8.063	117	182827	25.272	ug/L	99
33) Benzene	8.325	78	506736	25.520	ug/L	100
34) Trichloroethene	9.087	95	140609	25.454	ug/L	91
35) Methylcyclohexane	9.331	83	250981	28.869	ug/L	99
37) 1,2-Dichloropropane	9.367	63	131816	26.580	ug/L	99
38) Bromodichloromethane	9.642	83	172054	26.077	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	198061	26.478	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	131545	55.215	ug/L	97
42) Toluene	10.386	91	558158	26.349	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	161593	25.708	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	90665	25.296	ug/L	97
46) Tetrachloroethene	10.861	164	115033	28.234	ug/L	97
48) 2-Hexanone	10.965	43	135075	69.330	ug/L #	95
49) Dibromochloromethane	11.129	129	102630	25.663	ug/L	96
50) 1,2-Dibromoethane	11.233	107	85582	25.590	ug/L #	93
51) Chlorobenzene	11.654	112	358663	26.302	ug/L	98
52) Ethylbenzene	11.727	91	649689	26.878	ug/L	99
53) m,p-Xylene	11.836	106	255550	28.220	ug/L	98
54) o-Xylene	12.160	106	238697	28.511	ug/L	87
55) Styrene	12.178	104	397952	27.805	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	99244	24.554	ug/L	94
59) Bromoform	12.349	173	54638	24.588	ug/L	99
60) Isopropylbenzene	12.458	105	640209	26.138	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	75810	24.632	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	512969	26.546	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	519449	27.455	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	267789	25.117	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	283024	25.709	ug/L	88
67) 1,2-Dichlorobenzene	13.867	146	226379	24.130	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	15294	22.286	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	168802	24.010	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	140677	24.855	ug/L	99
71) Naphthalene	15.360	128	253858	25.961	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	117819	24.012	ug/L	99

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

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