

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080824\
 Data File : VW029853.D
 Acq On : 08 Aug 2024 09:08
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025571

Quant Time: Aug 09 00:43:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 08 02:00:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	221933	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	206616	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	102711	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	57020	18.098	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.400%
7) Chloroethane-d5	2.899	69	50833	22.598	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	4.021	65	29954	20.827	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.320%
21) 2-Butanone-d5	7.075	46	42505	49.221	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.440%
24) Chloroform-d	7.648	84	158947	27.667	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.680%
26) 1,2-Dichloroethane-d4	8.301	65	89104	27.230	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.920%
32) Benzene-d6	8.270	84	290433	26.016	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.080%
36) 1,2-Dichloropropane-d6	9.270	67	96797	27.154	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.600%
41) Toluene-d8	10.319	98	262103	26.404	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	10.575	79	36907	25.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.360%
47) 2-Hexanone-d5	10.922	63	29569	50.306	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74637	28.199	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.800%
66) 1,2-Dichlorobenzene-d4	13.849	152	83384	26.145	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	68851	23.015	ug/L	98
3) Chloromethane	2.217	50	89266	24.114	ug/L	98
5) Vinyl chloride	2.375	62	109146	26.314	ug/L	97
6) Bromomethane	2.790	94	59529	26.137	ug/L	96
8) Chloroethane	2.936	64	66382	28.133	ug/L	98
9) Trichlorofluoromethane	3.271	101	96040	28.988	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	90580	27.450	ug/L #	76
12) 1,1-Dichloroethene	4.039	96	82442	27.192	ug/L	99
13) Acetone	4.125	43	53082	49.462	ug/L	99
14) Carbon disulfide	4.387	76	261104	25.878	ug/L	98
15) Methyl Acetate	4.673	43	43033	24.074	ug/L	100
16) Methylene chloride	4.917	84	99257	21.394	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	87157	26.676	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	134182	24.919	ug/L	97
19) 1,1-Dichloroethane	6.216	63	189690	27.528	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	94400	26.636	ug/L	96
22) 2-Butanone	7.173	43	64732	47.075	ug/L	98
23) Bromochloromethane	7.514	128	40078	26.638	ug/L	92
25) Chloroform	7.673	83	180990	27.878	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	126260	26.686	ug/L	99
29) Cyclohexane	7.959	56	153479	26.139	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	146279	27.957	ug/L	98
31) Carbon tetrachloride	8.063	117	132415	28.086	ug/L	98
33) Benzene	8.325	78	393839	27.820	ug/L	100
34) Trichloroethene	9.093	95	101382	27.318	ug/L	92
35) Methylcyclohexane	9.331	83	167914	27.153	ug/L	97
37) 1,2-Dichloropropane	9.368	63	106894	27.553	ug/L	100
38) Bromodichloromethane	9.642	83	125818	27.234	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	150975	26.722	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	121301	49.225	ug/L	99
42) Toluene	10.386	91	407912	28.229	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	126673	27.008	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	69371	26.617	ug/L	94
46) Tetrachloroethene	10.861	164	70295	26.061	ug/L	93
48) 2-Hexanone	10.965	43	94046	50.958	ug/L	98
49) Dibromochloromethane	11.130	129	77084	28.490	ug/L	98
50) 1,2-Dibromoethane	11.233	107	63051	26.146	ug/L	95
51) Chlorobenzene	11.654	112	248136	27.606	ug/L	98
52) Ethylbenzene	11.727	91	456101	27.981	ug/L	97
53) m,p-Xylene	11.837	106	171589	28.623	ug/L	86
54) o-Xylene	12.160	106	158104	28.640	ug/L	95
55) Styrene	12.178	104	277730	29.024	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	82439	25.771	ug/L	98
59) Bromoform	12.349	173	41436	26.811	ug/L	98
60) Isopropylbenzene	12.459	105	447380	28.148	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	61587	24.654	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	360450	30.511	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	359498	28.454	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	186519	27.506	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	187304	26.890	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	163324	26.455	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.477	75	13479	23.764	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	122238	26.347	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	97000	24.816	ug/L	91
71) Naphthalene	15.361	128	176382	23.650	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	84014	23.748	ug/L	97

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

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