

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072324\
 Data File : VW029710.D
 Acq On : 23 Jul 2024 17:06
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025552

Quant Time: Jul 24 01:18:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 24 01:12:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	219225	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	203725	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	102620	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	55202	15.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.360%
7) Chloroethane-d5	2.899	69	49005	19.218	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.880%
11) 1,1-Dichloroethene-d2	4.021	65	29237	18.385	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.520%
21) 2-Butanone-d5	7.075	46	47463	44.646	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.300%
24) Chloroform-d	7.648	84	147870	23.332	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.320%
26) 1,2-Dichloroethane-d4	8.307	65	85360	22.963	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.840%
32) Benzene-d6	8.270	84	269356	22.071	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.280%
36) 1,2-Dichloropropane-d6	9.270	67	89808	23.015	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.080%
41) Toluene-d8	10.319	98	237175	22.098	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	10.575	79	34304	20.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.040%
47) 2-Hexanone-d5	10.922	63	32992	46.529	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	73699	23.262	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	79384	22.213	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	34489	16.066	ug/L	93
3) Chloromethane	2.223	50	60427	21.039	ug/L	97
5) Vinyl chloride	2.375	62	74067	22.597	ug/L	93
6) Bromomethane	2.789	94	45615	23.504	ug/L	95
8) Chloroethane	2.936	64	52007	25.786	ug/L	98
9) Trichlorofluoromethane	3.265	101	69964	23.713	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	74338	25.602	ug/L	96
12) 1,1-Dichloroethene	4.045	96	67551	24.778	ug/L	91
13) Acetone	4.119	43	52685	49.101	ug/L	98
14) Carbon disulfide	4.393	76	183542	20.731	ug/L	100
15) Methyl Acetate	4.667	43	47785	25.365	ug/L	98
16) Methylene chloride	4.923	84	90588	23.081	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	77691	25.742	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	141717	27.598	ug/L	99
19) 1,1-Dichloroethane	6.216	63	175003	28.236	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	91469	27.716	ug/L	99
22) 2-Butanone	7.167	43	66894	47.489	ug/L	100
23) Bromochloromethane	7.514	128	38550	25.970	ug/L	98
25) Chloroform	7.673	83	174866	29.159	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	125598	27.923	ug/L	100
29) Cyclohexane	7.953	56	135153	26.642	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	131912	28.355	ug/L	99
31) Carbon tetrachloride	8.069	117	115754	27.169	ug/L	98
33) Benzene	8.319	78	359931	28.238	ug/L	100
34) Trichloroethene	9.093	95	92784	27.565	ug/L	94
35) Methylcyclohexane	9.337	83	144579	26.723	ug/L	99
37) 1,2-Dichloropropane	9.368	63	103895	29.476	ug/L	100
38) Bromodichloromethane	9.642	83	125226	29.086	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	152916	28.884	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	139963	56.343	ug/L	99
42) Toluene	10.386	91	382818	29.357	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	129722	28.589	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	71131	28.060	ug/L	100
46) Tetrachloroethene	10.861	164	66793	27.931	ug/L	97
48) 2-Hexanone	10.965	43	103846	55.644	ug/L	98
49) Dibromochloromethane	11.129	129	74968	28.417	ug/L	96
50) 1,2-Dibromoethane	11.233	107	64532	26.714	ug/L	95
51) Chlorobenzene	11.654	112	236101	28.008	ug/L	95
52) Ethylbenzene	11.727	91	441737	29.900	ug/L	99
53) m,p-Xylene	11.837	106	163056	30.065	ug/L	97
54) o-Xylene	12.166	106	150026	29.908	ug/L	95
55) Styrene	12.178	104	265360	30.084	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	87780	27.452	ug/L	99
59) Bromoform	12.349	173	40243	25.405	ug/L	99
60) Isopropylbenzene	12.458	105	431459	29.882	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	65658	26.437	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	323707	31.517	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	348946	30.783	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	178340	27.555	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	186116	28.070	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	161392	27.587	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	14345	24.161	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	118295	28.018	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	96352	25.935	ug/L	98
71) Naphthalene	15.360	128	199871	25.633	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	83936	24.868	ug/L	98

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

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