

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052223\
 Data File : VW026024.D
 Acq On : 22 May 2023 13:56
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025496

Quant Time: May 23 01:24:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 23 01:22:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	575449	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	523695	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	256484	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	159325	19.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.160%
7) Chloroethane-d5	2.893	69	144863	23.962	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.840%
11) 1,1-Dichloroethene-d2	4.021	65	84174	20.614	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.440%
21) 2-Butanone-d5	7.075	46	150624	55.874	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.740%
24) Chloroform-d	7.648	84	428565	25.828	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.320%
26) 1,2-Dichloroethane-d4	8.301	65	231974	24.723	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.880%
32) Benzene-d6	8.270	84	817339	23.885	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.560%
36) 1,2-Dichloropropane-d6	9.270	67	270204	24.679	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.720%
41) Toluene-d8	10.319	98	692431	22.692	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.760%
43) trans-1,3-Dichloroprop...	10.575	79	101431	22.855	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.400%
47) 2-Hexanone-d5	10.922	63	108109	57.907	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	233256	27.952	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	229911	24.590	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	150832	23.461	ug/L #	81
3) Chloromethane	2.222	50	237938	25.101	ug/L	99
5) Vinyl chloride	2.375	62	250304	25.511	ug/L	98
6) Bromomethane	2.783	94	138632	25.978	ug/L	94
8) Chloroethane	2.930	64	155204	27.819	ug/L	100
9) Trichlorofluoromethane	3.265	101	145120	19.599	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	217485	27.007	ug/L #	69
12) 1,1-Dichloroethene	4.051	96	194966	25.333	ug/L	87
13) Acetone	4.125	43	91491	38.275	ug/L	99
14) Carbon disulfide	4.393	76	603165	23.175	ug/L	99
15) Methyl Acetate	4.667	43	123560	26.231	ug/L	99
16) Methylene chloride	4.917	84	235516	19.845	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	216907	25.835	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	333604	26.180	ug/L	99
19) 1,1-Dichloroethane	6.210	63	467729	27.115	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	242553	26.928	ug/L	98
22) 2-Butanone	7.167	43	152595	46.232	ug/L	98
23) Bromochloromethane	7.508	128	103535	27.132	ug/L	95
25) Chloroform	7.673	83	447444	28.223	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	296190	26.306	ug/L	99
29) Cyclohexane	7.953	56	403067	24.836	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	338764	26.450	ug/L	99
31) Carbon tetrachloride	8.063	117	303923	26.369	ug/L	100
33) Benzene	8.319	78	965462	26.647	ug/L	100
34) Trichloroethene	9.087	95	239906	25.804	ug/L	96
35) Methylcyclohexane	9.337	83	414148	25.045	ug/L	99
37) 1,2-Dichloropropane	9.367	63	266513	26.848	ug/L	99
38) Bromodichloromethane	9.642	83	311041	27.312	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	377138	25.907	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	348444	53.928	ug/L	99
42) Toluene	10.386	91	985392	26.617	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	319851	26.517	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	179078	26.969	ug/L	96
46) Tetrachloroethene	10.861	164	164545	25.157	ug/L	96
48) 2-Hexanone	10.965	43	239510	51.743	ug/L	99
49) Dibromochloromethane	11.123	129	186799	27.173	ug/L	100
50) 1,2-Dibromoethane	11.233	107	160981	26.298	ug/L	98
51) Chlorobenzene	11.654	112	610401	26.615	ug/L	100
52) Ethylbenzene	11.727	91	1120114	26.897	ug/L	98
53) m,p-Xylene	11.837	106	407045	26.557	ug/L	95
54) o-Xylene	12.160	106	389185	26.940	ug/L	97
55) Styrene	12.178	104	686866	27.779	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	225351	27.198	ug/L	97
59) Bromoform	12.349	173	103987	27.372	ug/L	99
60) Isopropylbenzene	12.458	105	1083755	27.798	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	161975	26.721	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	864546	27.998	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	784318	27.524	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	441081	26.281	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	444590	26.220	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	407751	27.242	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	35215	25.053	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	285522	25.629	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	227063	24.329	ug/L	99
71) Naphthalene	15.360	128	463345	26.303	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	210133	25.375	ug/L	99

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

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