

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100323\
 Data File : VW027208.D
 Acq On : 03 Oct 2023 18:19
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025511

Quant Time: Oct 04 01:42:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 01:37:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	620325	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	607680	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	344161	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	188840	19.375	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.520%
7) Chloroethane-d5	2.899	69	155972	20.248	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	4.021	65	83703	20.671	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.680%
21) 2-Butanone-d5	7.075	46	105816	52.518	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.040%
24) Chloroform-d	7.648	84	406154	22.371	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.480%
26) 1,2-Dichloroethane-d4	8.306	65	203267	23.362	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.440%
32) Benzene-d6	8.276	84	821564	22.060	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.240%
36) 1,2-Dichloropropane-d6	9.276	67	249645	22.390	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.560%
41) Toluene-d8	10.324	98	751831	22.877	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.520%
43) trans-1,3-Dichloroprop...	10.574	79	105777	24.174	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.680%
47) 2-Hexanone-d5	10.922	63	96328	56.477	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	216274	25.346	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	259100	22.453	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	156282	19.389	ug/L	# 83
3) Chloromethane	2.228	50	216128	19.864	ug/L	99
5) Vinyl chloride	2.375	62	250322	21.072	ug/L	96
6) Bromomethane	2.783	94	165166	21.104	ug/L	96
8) Chloroethane	2.929	64	157704	21.874	ug/L	100
9) Trichlorofluoromethane	3.265	101	214456	21.480	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	206060	20.513	ug/L	95
12) 1,1-Dichloroethene	4.045	96	212182	22.110	ug/L	89
13) Acetone	4.118	43	121780	48.913	ug/L	99
14) Carbon disulfide	4.393	76	673068	20.896	ug/L	99
15) Methyl Acetate	4.667	43	103799	24.874	ug/L	99
16) Methylene chloride	4.923	84	297366	24.488	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	231298	22.400	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	318108	24.618	ug/L	99
19) 1,1-Dichloroethane	6.215	63	430074	22.334	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	255247	23.190	ug/L	93
22) 2-Butanone	7.166	43	151198	49.103	ug/L	99
23) Bromochloromethane	7.514	128	117942	23.483	ug/L	94
25) Chloroform	7.679	83	433267	23.069	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	270656	23.525	ug/L	97
29) Cyclohexane	7.959	56	365649	22.617	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	345727	22.887	ug/L	99
31) Carbon tetrachloride	8.075	117	329849	23.118	ug/L	99
33) Benzene	8.325	78	976338	22.732	ug/L	100
34) Trichloroethene	9.093	95	252625	22.524	ug/L	94
35) Methylcyclohexane	9.337	83	437559	23.195	ug/L	99
37) 1,2-Dichloropropane	9.367	63	250489	22.634	ug/L	100
38) Bromodichloromethane	9.642	83	309416	23.279	ug/L	96
39) cis-1,3-Dichloropropene	10.074	75	385043	23.613	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	286821	53.422	ug/L	99
42) Toluene	10.385	91	1032888	23.417	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	328694	24.595	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	192887	24.084	ug/L	98
46) Tetrachloroethene	10.861	164	207523	23.537	ug/L	92
48) 2-Hexanone	10.965	43	212017	50.372	ug/L	96
49) Dibromochloromethane	11.129	129	208957	24.057	ug/L	99
50) 1,2-Dibromoethane	11.233	107	181035	24.360	ug/L	97
51) Chlorobenzene	11.660	112	669413	22.870	ug/L	95
52) Ethylbenzene	11.727	91	1169460	23.601	ug/L	99
53) m,p-Xylene	11.836	106	461911	24.311	ug/L	97
54) o-Xylene	12.166	106	420277	23.679	ug/L	98
55) Styrene	12.178	104	760080	24.877	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	233329	24.289	ug/L	100
59) Bromoform	12.348	173	130822	24.072	ug/L	99
60) Isopropylbenzene	12.464	105	1172321	23.132	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	170724	24.230	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	957659	24.102	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	943749	24.237	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	536022	22.917	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	539210	22.945	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	471571	23.001	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.482	75	36198	23.983	ug/L	83
69) 1,3,5-Trichlorobenzene	14.622	180	352901	23.431	ug/L	95
70) 1,2,4-trichlorobenzene	15.128	180	284219	23.919	ug/L	99
71) Naphthalene	15.360	128	541135	25.810	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	264012	25.029	ug/L	99

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

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