

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062623\
 Data File : VW026334.D
 Acq On : 26 Jun 2023 14:00
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025534

Quant Time: Jun 27 01:47:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 27 01:41:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	678867	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	610222	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	289560	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	260877	26.452	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.800%
7) Chloroethane-d5	2.899	69	172558	24.613	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.440%
11) 1,1-Dichloroethene-d2	4.027	65	116569	26.107	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.440%
21) 2-Butanone-d5	7.075	46	128850	41.570	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.140%
24) Chloroform-d	7.648	84	461789	24.006	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.040%
26) 1,2-Dichloroethane-d4	8.306	65	253634	23.465	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.880%
32) Benzene-d6	8.276	84	942766	24.960	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.840%
36) 1,2-Dichloropropane-d6	9.276	67	298509	24.321	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.280%
41) Toluene-d8	10.324	98	829913	25.102	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	10.580	79	114128	23.160	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.640%
47) 2-Hexanone-d5	10.922	63	84415	44.784	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	214194	22.167	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	241157	23.920	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	182924	22.416	ug/L	96
3) Chloromethane	2.228	50	313139	26.538	ug/L	98
5) Vinyl chloride	2.375	62	305048	24.864	ug/L	97
6) Bromomethane	2.789	94	152358	22.625	ug/L	92
8) Chloroethane	2.936	64	157026	23.869	ug/L	100
9) Trichlorofluoromethane	3.265	101	203905	23.562	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	230535	24.608	ug/L	96
12) 1,1-Dichloroethene	4.051	96	215125	24.508	ug/L	97
13) Acetone	4.118	43	89510	36.079	ug/L	95
14) Carbon disulfide	4.399	76	774735	24.977	ug/L	99
15) Methyl Acetate	4.667	43	126195	22.188	ug/L	100
16) Methylene chloride	4.923	84	267528	23.288	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	239110	24.784	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	369114	24.461	ug/L	99
19) 1,1-Dichloroethane	6.215	63	487538	24.129	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	252795	24.246	ug/L	98
22) 2-Butanone	7.173	43	160444	42.267	ug/L	99
23) Bromochloromethane	7.514	128	107275	23.988	ug/L	94
25) Chloroform	7.679	83	452519	24.165	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	319031	23.695	ug/L	99
29) Cyclohexane	7.959	56	459463	26.075	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	359660	24.364	ug/L	99
31) Carbon tetrachloride	8.069	117	324615	24.462	ug/L	98
33) Benzene	8.325	78	1032608	25.052	ug/L	100
34) Trichloroethene	9.093	95	258398	24.484	ug/L	99
35) Methylcyclohexane	9.337	83	459478	25.388	ug/L	99
37) 1,2-Dichloropropane	9.367	63	278901	24.218	ug/L	99
38) Bromodichloromethane	9.642	83	319345	24.147	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	408146	24.737	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	356148	47.913	ug/L	100
42) Toluene	10.385	91	1054476	25.501	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	347153	24.926	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	178929	23.205	ug/L	96
46) Tetrachloroethene	10.861	164	176150	23.691	ug/L	93
48) 2-Hexanone	10.965	43	243177	46.365	ug/L	99
49) Dibromochloromethane	11.123	129	187954	23.806	ug/L	100
50) 1,2-Dibromoethane	11.233	107	166705	23.549	ug/L	97
51) Chlorobenzene	11.653	112	647309	24.542	ug/L	96
52) Ethylbenzene	11.727	91	1183924	25.410	ug/L	99
53) m,p-Xylene	11.836	106	438321	25.795	ug/L	95
54) o-Xylene	12.166	106	415085	25.944	ug/L	89
55) Styrene	12.178	104	738161	26.453	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	224376	23.280	ug/L	98
59) Bromoform	12.348	173	100947	23.045	ug/L	99
60) Isopropylbenzene	12.464	105	1127369	25.905	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	163154	23.179	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	917220	27.188	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	917471	28.198	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	468355	25.126	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	471975	25.301	ug/L	99
67) 1,2-Dichlorobenzene	13.866	146	430612	25.938	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	31946	19.692	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	283846	23.698	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	249243	25.427	ug/L	98
71) Naphthalene	15.360	128	497429	25.244	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	232827	25.441	ug/L	98

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

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