

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026408.D
 Acq On : 28 Jun 2023 20:15
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

Quant Time: Jun 28 23:54:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 23:48:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	832386	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	752517	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	362207	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	293106	24.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.960%
7) Chloroethane-d5	2.893	69	224477	26.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.440%
11) 1,1-Dichloroethene-d2	4.021	65	137029	25.029	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.120%
21) 2-Butanone-d5	7.075	46	181279	47.699	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.400%
24) Chloroform-d	7.648	84	558419	23.675	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.680%
26) 1,2-Dichloroethane-d4	8.301	65	308507	23.278	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.120%
32) Benzene-d6	8.270	84	1139130	24.456	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.840%
36) 1,2-Dichloropropane-d6	9.270	67	362272	23.935	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.760%
41) Toluene-d8	10.319	98	995054	24.406	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.640%
43) trans-1,3-Dichloroprop...	10.575	79	143078	23.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.160%
47) 2-Hexanone-d5	10.922	63	114904	49.432	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	266112	22.332	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	308205	24.438	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	249882	24.974	ug/L	90
3) Chloromethane	2.229	50	385804	26.666	ug/L	97
5) Vinyl chloride	2.375	62	374703	24.908	ug/L	98
6) Bromomethane	2.783	94	208941	25.305	ug/L	99
8) Chloroethane	2.930	64	223308	27.684	ug/L	99
9) Trichlorofluoromethane	3.265	101	282921	26.664	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	289916	25.239	ug/L	97
12) 1,1-Dichloroethene	4.045	96	279372	25.957	ug/L	94
13) Acetone	4.112	43	125094	41.123	ug/L	95
14) Carbon disulfide	4.393	76	936963	24.636	ug/L	100
15) Methyl Acetate	4.661	43	170007	24.379	ug/L	99
16) Methylene chloride	4.917	84	345808	24.550	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	305410	25.817	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	514599	27.813	ug/L	99
19) 1,1-Dichloroethane	6.210	63	630339	25.442	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	338350	26.467	ug/L	98
22) 2-Butanone	7.167	43	220516	47.378	ug/L	97
23) Bromochloromethane	7.514	128	136029	24.808	ug/L	93
25) Chloroform	7.673	83	569154	24.788	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	407574	24.689	ug/L	98
29) Cyclohexane	7.953	56	596056	27.430	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	448925	24.660	ug/L	99
31) Carbon tetrachloride	8.063	117	403611	24.664	ug/L	99
33) Benzene	8.319	78	1291284	25.404	ug/L	100
34) Trichloroethene	9.087	95	325995	25.049	ug/L	98
35) Methylcyclohexane	9.331	83	593377	26.587	ug/L	98
37) 1,2-Dichloropropane	9.367	63	344551	24.261	ug/L	99
38) Bromodichloromethane	9.642	83	404931	24.829	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	529409	26.019	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	480947	52.467	ug/L	98
42) Toluene	10.386	91	1341324	26.305	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	432233	25.167	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	234919	24.706	ug/L	97
46) Tetrachloroethene	10.861	164	225711	24.617	ug/L	91
48) 2-Hexanone	10.965	43	321830	49.758	ug/L	97
49) Dibromochloromethane	11.129	129	247085	25.377	ug/L	98
50) 1,2-Dibromoethane	11.233	107	220228	25.227	ug/L	97
51) Chlorobenzene	11.654	112	817000	25.119	ug/L	98
52) Ethylbenzene	11.727	91	1501990	26.141	ug/L	99
53) m,p-Xylene	11.837	106	577136	27.542	ug/L	96
54) o-Xylene	12.166	106	535930	27.163	ug/L	96
55) Styrene	12.178	104	911299	26.482	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	282423	23.762	ug/L	98
59) Bromoform	12.349	173	132817	24.239	ug/L	99
60) Isopropylbenzene	12.458	105	1471184	27.025	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	211442	24.015	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1244087	29.481	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1192915	29.310	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	603635	25.889	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	609406	26.116	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	548163	26.396	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	46872	23.098	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	382564	25.534	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	333379	27.189	ug/L	98
71) Naphthalene	15.360	128	738711	29.970	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	292675	25.566	ug/L	98

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

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