

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072623\
 Data File : VW026653.D
 Acq On : 26 Jul 2023 09:07
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025569

Quant Time: Jul 27 02:56:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 25 01:52:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	609161	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	554693	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	289802	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	248627	24.196	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.800%
7) Chloroethane-d5	2.899	69	185579	25.738	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.960%
11) 1,1-Dichloroethene-d2	4.021	65	116321	24.106	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.440%
21) 2-Butanone-d5	7.075	46	139191	41.915	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.820%
24) Chloroform-d	7.648	84	474345	27.047	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	8.307	65	261101	26.664	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.640%
32) Benzene-d6	8.276	84	977011	25.658	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.640%
36) 1,2-Dichloropropane-d6	9.276	67	302606	25.845	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.360%
41) Toluene-d8	10.325	98	855512	26.195	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.760%
43) trans-1,3-Dichloroprop...	10.581	79	116901	24.915	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.640%
47) 2-Hexanone-d5	10.922	63	93706	41.015	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	228404	23.036	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.160%
66) 1,2-Dichlorobenzene-d4	13.849	152	256932	24.147	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	165440	24.076	ug/L	94
3) Chloromethane	2.223	50	223490	22.763	ug/L	99
5) Vinyl chloride	2.375	62	244236	23.604	ug/L	97
6) Bromomethane	2.790	94	133113	24.200	ug/L	99
8) Chloroethane	2.936	64	147888	25.560	ug/L	97
9) Trichlorofluoromethane	3.265	101	196372	25.623	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	213434	25.094	ug/L	99
12) 1,1-Dichloroethene	4.045	96	201005	24.631	ug/L	94
13) Acetone	4.125	43	154273	64.584	ug/L	94
14) Carbon disulfide	4.393	76	667734	23.342	ug/L	98
15) Methyl Acetate	4.673	43	119464	20.816	ug/L	99
16) Methylene chloride	4.923	84	253005	23.510	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	215029	24.644	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	338380	24.779	ug/L	99
19) 1,1-Dichloroethane	6.216	63	459868	26.361	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	239589	26.517	ug/L	99
22) 2-Butanone	7.173	43	192234	52.847	ug/L	98
23) Bromochloromethane	7.514	128	99790	25.784	ug/L	94
25) Chloroform	7.679	83	428547	26.812	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	301616	26.806	ug/L	99
29) Cyclohexane	7.959	56	405294	23.467	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	346218	25.466	ug/L	98
31) Carbon tetrachloride	8.069	117	315718	25.582	ug/L	100
33) Benzene	8.325	78	979570	25.630	ug/L	100
34) Trichloroethene	9.093	95	241645	24.613	ug/L	98
35) Methylcyclohexane	9.337	83	425455	24.135	ug/L	100
37) 1,2-Dichloropropane	9.368	63	268549	26.459	ug/L	99
38) Bromodichloromethane	9.642	83	308897	26.787	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	389056	26.624	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	333904	43.586	ug/L	99
42) Toluene	10.386	91	1009784	26.162	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	328548	26.659	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	178480	25.195	ug/L	97
46) Tetrachloroethene	10.861	164	176046	25.259	ug/L	96
48) 2-Hexanone	10.965	43	255550	47.799	ug/L	97
49) Dibromochloromethane	11.129	129	189095	26.959	ug/L	95
50) 1,2-Dibromoethane	11.233	107	163834	24.535	ug/L	99
51) Chlorobenzene	11.654	112	614044	25.947	ug/L	97
52) Ethylbenzene	11.727	91	1120054	26.066	ug/L	98
53) m,p-Xylene	11.837	106	417267	26.692	ug/L	95
54) o-Xylene	12.166	106	384722	26.219	ug/L	98
55) Styrene	12.178	104	702396	28.380	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	226067	24.317	ug/L	97
59) Bromoform	12.343	173	111025	24.222	ug/L	99
60) Isopropylbenzene	12.459	105	1083984	24.176	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	161360	20.614	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	873499	25.399	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	892393	26.172	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	455228	24.195	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	478591	25.506	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	416957	25.040	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	36266	19.466	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	302316	24.281	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	246644	24.139	ug/L	98
71) Naphthalene	15.360	128	491249	21.231	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	229346	23.843	ug/L	98

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

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