

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051223\
 Data File : VW025960.D
 Acq On : 12 May 2023 09:39
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025487

Quant Time: May 14 22:45:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 23:47:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	565919	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	502390	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	258431	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	192137	23.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.840%
7) Chloroethane-d5	2.899	69	159340	26.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	4.021	65	94565	23.549	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.200%
21) 2-Butanone-d5	7.075	46	124475	46.952	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.900%
24) Chloroform-d	7.648	84	420305	25.757	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.040%
26) 1,2-Dichloroethane-d4	8.301	65	224314	24.309	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.240%
32) Benzene-d6	8.270	84	835046	25.438	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.760%
36) 1,2-Dichloropropane-d6	9.270	67	268381	25.552	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.200%
41) Toluene-d8	10.325	98	724151	24.738	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.960%
43) trans-1,3-Dichloroprop...	10.575	79	101187	23.767	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.080%
47) 2-Hexanone-d5	10.922	63	87897	49.077	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	201501	25.171	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.680%
66) 1,2-Dichlorobenzene-d4	13.849	152	222901	23.660	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	142239	22.497	ug/L	95
3) Chloromethane	2.223	50	229963	24.668	ug/L	98
5) Vinyl chloride	2.375	62	240963	24.973	ug/L	100
6) Bromomethane	2.790	94	132444	25.237	ug/L	95
8) Chloroethane	2.930	64	143455	26.146	ug/L	100
9) Trichlorofluoromethane	3.265	101	164511	22.592	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	195574	24.695	ug/L	98
12) 1,1-Dichloroethene	4.045	96	181731	24.011	ug/L	95
13) Acetone	4.119	43	102725	43.698	ug/L	98
14) Carbon disulfide	4.387	76	587912	22.969	ug/L	100
15) Methyl Acetate	4.667	43	101339	21.876	ug/L	97
16) Methylene chloride	4.917	84	218590	18.729	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	193401	23.423	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	295310	23.565	ug/L	99
19) 1,1-Dichloroethane	6.216	63	414483	24.433	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	209499	23.650	ug/L	99
22) 2-Butanone	7.167	43	133151	41.020	ug/L	99
23) Bromochloromethane	7.514	128	88223	23.509	ug/L	94
25) Chloroform	7.673	83	387745	24.869	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	260569	23.532	ug/L	99
29) Cyclohexane	7.959	56	370661	23.808	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	301826	24.566	ug/L	99
31) Carbon tetrachloride	8.063	117	274548	24.830	ug/L	99
33) Benzene	8.319	78	856569	24.644	ug/L	100
34) Trichloroethene	9.093	95	217244	24.357	ug/L	96
35) Methylcyclohexane	9.337	83	378287	23.847	ug/L	99
37) 1,2-Dichloropropane	9.368	63	234976	24.675	ug/L	100
38) Bromodichloromethane	9.642	83	265811	24.330	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	339393	24.303	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	280547	45.261	ug/L	99
42) Toluene	10.386	91	895305	25.209	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	279276	24.135	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	151061	23.714	ug/L	97
46) Tetrachloroethene	10.861	164	151997	24.224	ug/L	91
48) 2-Hexanone	10.965	43	205320	46.238	ug/L	98
49) Dibromochloromethane	11.130	129	158995	24.109	ug/L	97
50) 1,2-Dibromoethane	11.233	107	135550	23.082	ug/L	95
51) Chlorobenzene	11.654	112	545417	24.790	ug/L	97
52) Ethylbenzene	11.727	91	1001973	25.081	ug/L	99
53) m,p-Xylene	11.837	106	369008	25.097	ug/L	100
54) o-Xylene	12.166	106	346289	24.987	ug/L	99
55) Styrene	12.178	104	610342	25.731	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	183559	23.094	ug/L	98
59) Bromoform	12.343	173	83746	21.878	ug/L	98
60) Isopropylbenzene	12.459	105	978421	24.907	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	132760	21.737	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	778575	25.023	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	704979	24.554	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	389196	23.015	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	396111	23.185	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	356959	23.669	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.483	75	29414	20.769	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	268324	23.904	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	207590	22.075	ug/L	97
71) Naphthalene	15.360	128	376431	21.208	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	186817	22.389	ug/L	100

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

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