

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052623\
 Data File : VW026075.D
 Acq On : 26 May 2023 17:56
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025501

Quant Time: May 26 23:20:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 26 23:14:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	681193	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	617077	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	296529	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	159838	16.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.240%
7) Chloroethane-d5	2.893	69	151737	21.203	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	4.021	65	84087	17.396	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.600%
21) 2-Butanone-d5	7.075	46	183213	57.413	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.820%
24) Chloroform-d	7.648	84	466764	23.763	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.040%
26) 1,2-Dichloroethane-d4	8.307	65	260665	23.468	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.880%
32) Benzene-d6	8.270	84	844484	20.944	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.760%
36) 1,2-Dichloropropane-d6	9.270	67	290891	22.548	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.200%
41) Toluene-d8	10.319	98	735943	20.468	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.880%
43) trans-1,3-Dichloroprop...	10.575	79	108404	20.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.920%
47) 2-Hexanone-d5	10.922	63	128059	58.212	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	257693	26.207	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	251109	23.230	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	128105	16.833	ug/L	93
3) Chloromethane	2.223	50	235579	20.994	ug/L	99
5) Vinyl chloride	2.375	62	249476	21.480	ug/L	100
6) Bromomethane	2.783	94	145826	23.084	ug/L	94
8) Chloroethane	2.930	64	159619	24.169	ug/L	100
9) Trichlorofluoromethane	3.265	101	164305	18.745	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	204350	21.437	ug/L	96
12) 1,1-Dichloroethene	4.045	96	197113	21.636	ug/L	92
13) Acetone	4.112	43	101855	35.996	ug/L	99
14) Carbon disulfide	4.387	76	562565	18.260	ug/L	99
15) Methyl Acetate	4.661	43	131256	23.539	ug/L	100
16) Methylene chloride	4.917	84	245383	17.467	ug/L	91
17) trans-1,2-Dichloroethene	5.423	96	221261	22.263	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	411495	27.280	ug/L	99
19) 1,1-Dichloroethane	6.216	63	491723	24.081	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	257529	24.153	ug/L	95
22) 2-Butanone	7.167	43	168490	43.124	ug/L	99
23) Bromochloromethane	7.514	128	104681	23.174	ug/L	98
25) Chloroform	7.673	83	463437	24.694	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	327906	24.602	ug/L	99
29) Cyclohexane	7.959	56	402301	21.038	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	358141	23.732	ug/L	99
31) Carbon tetrachloride	8.069	117	315739	23.248	ug/L	99
33) Benzene	8.325	78	999126	23.403	ug/L	100
34) Trichloroethene	9.093	95	248010	22.639	ug/L	99
35) Methylcyclohexane	9.337	83	409906	21.037	ug/L	99
37) 1,2-Dichloropropane	9.368	63	278662	23.824	ug/L	100
38) Bromodichloromethane	9.642	83	331728	24.720	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	396255	23.101	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	384253	50.470	ug/L	100
42) Toluene	10.386	91	1024494	23.485	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	335014	23.571	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	188829	24.134	ug/L	98
46) Tetrachloroethene	10.861	164	168445	21.856	ug/L	91
48) 2-Hexanone	10.965	43	263196	48.256	ug/L	98
49) Dibromochloromethane	11.123	129	195937	24.189	ug/L	99
50) 1,2-Dibromoethane	11.233	107	174222	24.154	ug/L	93
51) Chlorobenzene	11.654	112	644873	23.863	ug/L	95
52) Ethylbenzene	11.727	91	1161541	23.671	ug/L	100
53) m,p-Xylene	11.837	106	429320	23.772	ug/L	96
54) o-Xylene	12.160	106	412293	24.220	ug/L	98
55) Styrene	12.178	104	718694	24.667	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	236207	24.194	ug/L	99
59) Bromoform	12.349	173	107379	24.447	ug/L	97
60) Isopropylbenzene	12.458	105	1133578	25.149	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	175374	25.025	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	912719	25.566	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	843507	25.604	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	457374	23.572	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	475636	24.263	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	419419	24.238	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	39361	24.221	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	289651	22.489	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	256209	23.744	ug/L	100
71) Naphthalene	15.360	128	495432	24.326	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	215408	22.499	ug/L	94

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

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