

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022223\
 Data File : VW025353.D
 Acq On : 22 Feb 2023 11:45
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025542

Quant Time: Feb 22 21:22:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022223SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 22 21:15:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	404924	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	351444	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	172907	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	77868	22.715	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.880%
7) Chloroethane-d5	2.893	69	59569	23.569	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.280%
11) 1,1-Dichloroethene-d2	4.027	63	206147	23.168	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.680%
21) 2-Butanone-d5	7.075	46	35582	45.756	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.520%
24) Chloroform-d	7.648	84	190232	24.491	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.960%
26) 1,2-Dichloroethane-d4	8.307	65	95618	23.730	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.920%
32) Benzene-d6	8.276	84	375314	25.200	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	9.276	67	103126	24.675	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.680%
41) Toluene-d8	10.324	98	349223	25.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	10.574	79	47578	24.987	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.960%
47) 2-Hexanone-d5	10.922	63	29751	48.800	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74951	23.955	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	108376	24.678	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	104760	20.609	ug/L	90
3) Chloromethane	2.222	50	109318	23.960	ug/L	98
5) Vinyl chloride	2.375	62	125774	23.678	ug/L	96
6) Bromomethane	2.789	94	78723	23.341	ug/L	98
8) Chloroethane	2.929	64	71164	22.895	ug/L	96
9) Trichlorofluoromethane	3.271	101	144344	22.395	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	126207	23.051	ug/L	92
12) 1,1-Dichloroethene	4.051	96	120738	23.141	ug/L	95
13) Acetone	4.124	43	56176	43.607	ug/L	100
14) Carbon disulfide	4.393	76	397736	23.371	ug/L	100
15) Methyl Acetate	4.667	43	45051	21.706	ug/L	100
16) Methylene chloride	4.917	84	125621	21.940	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	129633	23.701	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	187057	24.214	ug/L	99
19) 1,1-Dichloroethane	6.222	63	235426	23.953	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	139628	24.295	ug/L	93
22) 2-Butanone	7.166	43	67010	44.844	ug/L	98
23) Bromochloromethane	7.514	128	58394	23.810	ug/L	93
25) Chloroform	7.673	83	243506	24.075	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	161008	23.600	ug/L	100
29) Cyclohexane	7.959	56	218712	24.722	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	219659	24.128	ug/L	100
31) Carbon tetrachloride	8.069	117	205941	24.034	ug/L	100
33) Benzene	8.325	78	529745	24.652	ug/L	100
34) Trichloroethene	9.093	95	145380	24.225	ug/L	94
35) Methylcyclohexane	9.337	83	257027	24.440	ug/L	99
37) 1,2-Dichloropropane	9.367	63	126645	24.364	ug/L	100
38) Bromodichloromethane	9.648	83	173337	24.584	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	211525	24.872	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	123718	46.786	ug/L	99
42) Toluene	10.385	91	574543	24.835	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	177235	24.792	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	93036	23.997	ug/L	95
46) Tetrachloroethene	10.861	164	107602	23.744	ug/L	96
48) 2-Hexanone	10.965	43	93017	47.128	ug/L	100
49) Dibromochloromethane	11.129	129	108250	24.171	ug/L	95
50) 1,2-Dibromoethane	11.233	107	89731	24.142	ug/L #	95
51) Chlorobenzene	11.653	112	358169	24.108	ug/L	96
52) Ethylbenzene	11.733	91	661114	24.661	ug/L	100
53) m,p-Xylene	11.836	106	252713	24.810	ug/L	94
54) o-Xylene	12.166	106	236993	25.168	ug/L	96
55) Styrene	12.178	104	409101	25.546	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.714	83	103233	23.324	ug/L	97
59) Bromoform	12.348	173	58754	22.698	ug/L	100
60) Isopropylbenzene	12.464	105	673824	23.827	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	76090	22.211	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	568171	25.016	ug/L	98
63) 1,2,4-Trimethylbenzene	13.251	105	550273	25.595	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	275532	24.916	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	279240	25.188	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	243592	24.021	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	16234	20.509	ug/L	97
69) 1,3,5-Trichlorobenzene	14.622	180	165172	21.822	ug/L	98
70) 1,2,4-trichlorobenzene	15.128	180	155179	23.627	ug/L	97
71) Naphthalene	15.360	128	301818	23.899	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	135361	24.267	ug/L	99

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

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