

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042423\
 Data File : VW025667.D
 Acq On : 24 Apr 2023 18:27
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025578

Quant Time: Apr 25 01:14:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 25 01:06:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	720048	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	633921	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	326776	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	194301	16.583	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.320%
7) Chloroethane-d5	2.899	69	157828	18.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.680%
11) 1,1-Dichloroethene-d2	4.027	63	447768	18.896	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.600%
21) 2-Butanone-d5	7.075	46	156315	59.800	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.600%
24) Chloroform-d	7.654	84	452906	22.402	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	8.307	65	245204	23.313	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.240%
32) Benzene-d6	8.276	84	873881	21.290	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.160%
36) 1,2-Dichloropropane-d6	9.276	67	291576	22.782	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.120%
41) Toluene-d8	10.325	98	771577	21.519	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.080%
43) trans-1,3-Dichloroprop...	10.575	79	107794	22.464	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.840%
47) 2-Hexanone-d5	10.922	63	109112	62.371	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	237883	27.538	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	254591	22.678	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	218185	21.668	ug/L	98
3) Chloromethane	2.222	50	257634	22.054	ug/L	99
5) Vinyl chloride	2.375	62	278535	21.568	ug/L	97
6) Bromomethane	2.789	94	146305	21.060	ug/L	96
8) Chloroethane	2.936	64	158653	21.935	ug/L	100
9) Trichlorofluoromethane	3.271	101	216893	21.801	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	228456	22.883	ug/L	97
12) 1,1-Dichloroethene	4.045	96	216459	21.660	ug/L	98
13) Acetone	4.118	43	134161	60.643	ug/L	99
14) Carbon disulfide	4.393	76	673392	19.099	ug/L	99
15) Methyl Acetate	4.673	43	134925	27.146	ug/L	97
16) Methylene chloride	4.917	84	273812	23.924	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	233236	21.952	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	387219	26.409	ug/L	100
19) 1,1-Dichloroethane	6.216	63	497146	23.420	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	259994	23.519	ug/L	# 99
22) 2-Butanone	7.167	43	184520	58.671	ug/L	100
23) Bromochloromethane	7.514	128	106788	23.556	ug/L	93
25) Chloroform	7.679	83	461894	23.794	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	320429	24.599	ug/L	99
29) Cyclohexane	7.959	56	450157	21.940	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	370192	23.503	ug/L	100
31) Carbon tetrachloride	8.069	117	321569	22.607	ug/L	98
33) Benzene	8.325	78	1033002	23.412	ug/L	100
34) Trichloroethene	9.093	95	256640	22.361	ug/L	95
35) Methylcyclohexane	9.337	83	446517	21.546	ug/L	99
37) 1,2-Dichloropropane	9.367	63	285414	24.493	ug/L	99
38) Bromodichloromethane	9.648	83	325128	24.385	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	418680	25.047	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	373382	56.608	ug/L	100
42) Toluene	10.386	91	1067102	23.750	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	348115	25.256	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	190574	25.648	ug/L	96
46) Tetrachloroethene	10.861	164	177109	21.941	ug/L	89
48) 2-Hexanone	10.965	43	267946	58.795	ug/L	96
49) Dibromochloromethane	11.129	129	197815	25.286	ug/L	96
50) 1,2-Dibromoethane	11.233	107	171483	25.118	ug/L	99
51) Chlorobenzene	11.654	112	658097	23.770	ug/L	96
52) Ethylbenzene	11.727	91	1216549	23.927	ug/L	98
53) m,p-Xylene	11.837	106	446580	23.951	ug/L	93
54) o-Xylene	12.166	106	420759	24.122	ug/L	99
55) Styrene	12.178	104	751651	25.601	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	236374	26.559	ug/L	99
59) Bromoform	12.349	173	115190	25.725	ug/L	98
60) Isopropylbenzene	12.458	105	1185989	23.169	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	171161	25.272	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	972696	24.072	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	922616	23.712	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	493767	23.277	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	497007	22.942	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	436436	23.468	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.482	75	38171	25.692	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	336465	23.691	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	262904	22.788	ug/L	98
71) Naphthalene	15.360	128	574688	26.695	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	250888	24.872	ug/L	98

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

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