

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031023\
 Data File : VW025389.D
 Acq On : 10 Mar 2023 13:46
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025549

Quant Time: Mar 10 23:30:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 10 23:28:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	746301	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	662405	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	324003	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	298392	24.047	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.200%
7) Chloroethane-d5	2.899	69	217089	24.314	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.240%
11) 1,1-Dichloroethene-d2	4.021	63	606266	25.296	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.200%
21) 2-Butanone-d5	7.075	46	141647	46.505	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.020%
24) Chloroform-d	7.648	84	555846	25.836	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.360%
26) 1,2-Dichloroethane-d4	8.307	65	289897	25.104	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	8.276	84	1140695	25.202	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	9.270	67	351435	25.099	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.400%
41) Toluene-d8	10.325	98	1026502	25.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.880%
43) trans-1,3-Dichloroprop...	10.575	79	134534	24.129	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.520%
47) 2-Hexanone-d5	10.922	63	93727	46.550	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	240861	23.480	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	298519	24.776	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	196235	23.008	ug/L #	88
3) Chloromethane	2.222	50	299712	29.547	ug/L	99
5) Vinyl chloride	2.375	62	331079	28.890	ug/L	99
6) Bromomethane	2.789	94	179082	29.311	ug/L	97
8) Chloroethane	2.936	64	191952	29.143	ug/L	97
9) Trichlorofluoromethane	3.265	101	252993	25.506	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	280340	29.144	ug/L	95
12) 1,1-Dichloroethene	4.045	96	262810	28.239	ug/L	94
13) Acetone	4.124	43	114911	39.246	ug/L	100
14) Carbon disulfide	4.387	76	868167	30.003	ug/L	99
15) Methyl Acetate	4.667	43	132177	24.064	ug/L	100
16) Methylene chloride	4.917	84	280562	26.998	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	281637	28.868	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	384079	26.150	ug/L	99
19) 1,1-Dichloroethane	6.216	63	574819	28.452	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	297724	27.873	ug/L #	91
22) 2-Butanone	7.167	43	162383	42.872	ug/L	100
23) Bromochloromethane	7.508	128	123806	26.953	ug/L	98
25) Chloroform	7.673	83	525417	27.665	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	346182	27.314	ug/L	100
29) Cyclohexane	7.959	56	551843	29.514	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	428236	27.195	ug/L	100
31) Carbon tetrachloride	8.063	117	383368	27.160	ug/L	100
33) Benzene	8.325	78	1192675	28.162	ug/L	100
34) Trichloroethene	9.093	95	306912	27.611	ug/L	98
35) Methylcyclohexane	9.337	83	564020	29.456	ug/L	97
37) 1,2-Dichloropropane	9.367	63	320545	27.497	ug/L	100
38) Bromodichloromethane	9.642	83	364739	26.828	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	462306	27.528	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	347656	49.619	ug/L	99
42) Toluene	10.386	91	1244276	28.456	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	377361	26.831	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	202470	25.862	ug/L	97
46) Tetrachloroethene	10.861	164	216696	27.399	ug/L	99
48) 2-Hexanone	10.965	43	236277	46.872	ug/L	99
49) Dibromochloromethane	11.129	129	217414	25.991	ug/L	98
50) 1,2-Dibromoethane	11.233	107	184677	25.485	ug/L	98
51) Chlorobenzene	11.654	112	745469	26.862	ug/L	99
52) Ethylbenzene	11.727	91	1406822	28.209	ug/L	97
53) m,p-Xylene	11.836	106	521917	28.375	ug/L	99
54) o-Xylene	12.166	106	493485	28.511	ug/L	96
55) Styrene	12.178	104	837513	28.335	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	244008	25.057	ug/L	97
59) Bromoform	12.349	173	115641	24.738	ug/L	97
60) Isopropylbenzene	12.464	105	1383944	28.653	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	172406	24.423	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1125943	29.434	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1084816	28.787	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	562720	27.495	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	542549	25.844	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	480199	26.160	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	36434	22.294	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.623	180	360356	25.902	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	292929	25.394	ug/L	99
71) Naphthalene	15.360	128	568236	24.956	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	249678	24.098	ug/L	99

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

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