

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
 Data File : VW025838.D
 Acq On : 04 May 2023 11:43
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025594

Quant Time: May 04 23:13:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 01:22:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	654675	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	566998	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	277913	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	228122	24.590	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.360%
7) Chloroethane-d5	2.899	69	164155	23.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.480%
11) 1,1-Dichloroethene-d2	4.021	65	104954	22.593	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.360%
21) 2-Butanone-d5	7.075	46	107656	35.102	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.200%
24) Chloroform-d	7.648	84	417461	22.114	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.440%
26) 1,2-Dichloroethane-d4	8.301	65	216483	20.280	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.120%
32) Benzene-d6	8.270	84	845851	22.831	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.320%
36) 1,2-Dichloropropane-d6	9.270	67	258171	21.779	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.120%
41) Toluene-d8	10.319	98	754239	22.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.320%
43) trans-1,3-Dichloroprop...	10.575	79	99291	20.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.640%
47) 2-Hexanone-d5	10.922	63	78084	38.630	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	183095	20.265	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	224152	22.125	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	193952	26.518	ug/L	94
3) Chloromethane	2.222	50	260396	24.146	ug/L	96
5) Vinyl chloride	2.375	62	287584	25.764	ug/L	98
6) Bromomethane	2.789	94	146554	24.139	ug/L	96
8) Chloroethane	2.936	64	159566	25.140	ug/L	97
9) Trichlorofluoromethane	3.265	101	193099	22.923	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	222519	24.288	ug/L	97
12) 1,1-Dichloroethene	4.045	96	210267	24.015	ug/L	94
13) Acetone	4.125	43	113258	41.647	ug/L	99
14) Carbon disulfide	4.387	76	701681	23.698	ug/L	99
15) Methyl Acetate	4.667	43	104703	19.538	ug/L	99
16) Methylene chloride	4.917	84	249605	18.487	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	217847	22.807	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	310450	21.415	ug/L	100
19) 1,1-Dichloroethane	6.216	63	457538	23.315	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	229039	22.351	ug/L	96
22) 2-Butanone	7.167	43	149834	39.902	ug/L	81
23) Bromochloromethane	7.508	128	95609	22.023	ug/L	93
25) Chloroform	7.679	83	418512	23.203	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	279230	21.799	ug/L	99
29) Cyclohexane	7.953	56	434092	24.705	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	337996	24.375	ug/L	99
31) Carbon tetrachloride	8.069	117	311629	24.972	ug/L	97
33) Benzene	8.325	78	943582	24.054	ug/L	100
34) Trichloroethene	9.087	95	241263	23.968	ug/L	96
35) Methylcyclohexane	9.337	83	437435	24.433	ug/L	100
37) 1,2-Dichloropropane	9.367	63	256109	23.830	ug/L	100
38) Bromodichloromethane	9.642	83	284478	23.072	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	365775	23.208	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	296206	42.342	ug/L	100
42) Toluene	10.386	91	966668	24.117	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	299756	22.953	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	160727	22.356	ug/L	99
46) Tetrachloroethene	10.861	164	174092	24.583	ug/L	93
48) 2-Hexanone	10.965	43	218012	43.502	ug/L	99
49) Dibromochloromethane	11.123	129	169576	22.783	ug/L	96
50) 1,2-Dibromoethane	11.233	107	144928	21.867	ug/L	99
51) Chlorobenzene	11.654	112	591289	23.813	ug/L	99
52) Ethylbenzene	11.727	91	1107801	24.570	ug/L	98
53) m,p-Xylene	11.837	106	416387	25.092	ug/L	98
54) o-Xylene	12.166	106	383765	24.536	ug/L	92
55) Styrene	12.178	104	665931	24.875	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	189690	21.146	ug/L	98
59) Bromoform	12.349	173	89308	21.695	ug/L	98
60) Isopropylbenzene	12.458	105	1087231	25.737	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	139872	21.296	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	866603	25.900	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	797033	25.814	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	446296	24.542	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	436916	23.781	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	381769	23.540	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	30701	20.158	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	293341	24.301	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	227918	22.537	ug/L	97
71) Naphthalene	15.360	128	418833	21.943	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	213038	23.742	ug/L	96

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

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