

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051721\
 Data File : VW019005.D
 Acq On : 17 May 2021 09:28
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025117

Quant Time: May 18 01:09:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 14 12:03:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	634038	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	593097	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	287843	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	148607	23.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.16%		
7) Chloroethane-d5	2.891	69	129714	20.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.40%		
11) 1,1-Dichloroethene-d2	4.025	63	323738	21.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	87.92%		
21) 2-Butanone-d5	7.079	46	89486	52.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.32%		
24) Chloroform-d	7.646	84	355742	21.92	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.68%		
26) 1,2-Dichloroethane-d4	8.305	65	188851	22.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.60%		
32) Benzene-d6	8.274	84	691204	20.88	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.52%		
36) 1,2-Dichloropropane-d6	9.274	67	205584	21.18	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	84.72%		
41) Toluene-d8	10.323	98	643221	20.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.92%		
43) trans-1,3-Dichloroprop...	10.579	79	94085	22.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.20%		
47) 2-Hexanone-d5	10.920	63	75694	52.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.52%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	175791	23.64	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.56%		
66) 1,2-Dichlorobenzene-d4	13.853	152	216857	21.81	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.24%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	154734	23.89	ug/L	100
3) Chloromethane	2.214	50	140628	21.68	ug/L	96
5) Vinyl chloride	2.367	62	219062	26.36	ug/L	96
6) Bromomethane	2.781	94	155871	22.61	ug/L	98
8) Chloroethane	2.928	64	139473	23.96	ug/L	100
9) Trichlorofluoromethane	3.257	101	125981	20.72	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	199519	23.82	ug/L	98
12) 1,1-Dichloroethene	4.043	96	195988	23.99	ug/L	93
13) Acetone	4.129	43	71480	49.64	ug/L	89
14) Carbon disulfide	4.385	76	578712	25.30	ug/L	100
15) Methyl Acetate	4.671	43	79857	26.81	ug/L	97
16) Methylene chloride	4.915	84	207667	19.52	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	209827	23.39	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	260412	24.19	ug/L	97
19) 1,1-Dichloroethane	6.214	63	368924	23.65	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	218735	23.30	ug/L	99
22) 2-Butanone	7.171	43	105086	52.96	ug/L	96
23) Bromochloromethane	7.512	128	94778	23.44	ug/L	93
25) Chloroform	7.677	83	377677	23.58	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	244708	24.39	ug/L	99
29) Cyclohexane	7.957	56	336739	23.77	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	294064	22.75	ug/L	99
31) Carbon tetrachloride	8.067	117	272235	23.14	ug/L	100
33) Benzene	8.323	78	830908	22.90	ug/L	100
34) Trichloroethene	9.091	95	217575	22.59	ug/L	93
35) Methylcyclohexane	9.335	83	388642	23.23	ug/L	99
37) 1,2-Dichloropropane	9.372	63	202094	23.12	ug/L	99
38) Bromodichloromethane	9.646	83	264599	23.24	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	318328	24.27	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	232466	51.29	ug/L	95
42) Toluene	10.390	91	912318	22.85	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	281492	24.64	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	150602	23.55	ug/L	97
46) Tetrachloroethene	10.865	164	173443	22.65	ug/L	95
48) 2-Hexanone	10.969	43	164757	55.88	ug/L	95
49) Dibromochloromethane	11.127	129	169963	23.61	ug/L	94
50) 1,2-Dibromoethane	11.237	107	142435	23.84	ug/L	99
51) Chlorobenzene	11.658	112	546336	22.13	ug/L	99
52) Ethylbenzene	11.731	91	1003556	22.64	ug/L	95
53) m,p-Xylene	11.841	106	373969	22.47	ug/L	93
54) o-Xylene	12.164	106	359138	22.96	ug/L	97
55) Styrene	12.182	104	614812	23.11	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	182745	24.82	ug/L	97
59) Bromoform	12.347	173	98654	26.47	ug/L	99
60) Isopropylbenzene	12.463	105	982698	23.43	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	136047	26.15	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	816813	24.08	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	818829	23.91	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	426249	23.43	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	430565	23.72	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	384112	23.97	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	29530	26.56	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	308464	23.20	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	249234	23.53	ug/L	97
71) Naphthalene	15.365	128	506600	26.42	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	227158	24.37	ug/L	97

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

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