

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051821\
 Data File : VW019015.D
 Acq On : 18 May 2021 12:19
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025120

Quant Time: May 19 01:15:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 19 01:14:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	626072	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	575989	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	290580	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	148803	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.44%
7) Chloroethane-d5	2.891	69	126482	20.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.36%
11) 1,1-Dichloroethene-d2	4.032	63	323910	22.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.08%
21) 2-Butanone-d5	7.080	46	77032	45.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.82%
24) Chloroform-d	7.653	84	350495	21.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.48%
26) 1,2-Dichloroethane-d4	8.305	65	179537	21.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.24%
32) Benzene-d6	8.275	84	673769	20.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	9.274	67	202122	21.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.76%
41) Toluene-d8	10.323	98	641808	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloroprop...	10.579	79	88616	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.48%
47) 2-Hexanone-d5	10.927	63	64637	46.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.78%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	158469	21.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.76%
66) 1,2-Dichlorobenzene-d4	13.853	152	213763	21.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.16%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	150759	23.57	ug/L	97
3) Chloromethane	2.215	50	145830	22.77	ug/L	99
5) Vinyl chloride	2.367	62	235261	28.66	ug/L	96
6) Bromomethane	2.782	94	162699	23.90	ug/L	98
8) Chloroethane	2.928	64	145008	25.23	ug/L	98
9) Trichlorofluoromethane	3.263	101	141449	23.55	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	203850	24.65	ug/L	95
12) 1,1-Dichloroethene	4.050	96	208456	25.84	ug/L	91
13) Acetone	4.129	43	62657	44.07	ug/L	89
14) Carbon disulfide	4.391	76	591946	26.21	ug/L	99
15) Methyl Acetate	4.672	43	70351	23.92	ug/L	96
16) Methylene chloride	4.922	84	210101	20.00	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	219817	24.81	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	255150	24.00	ug/L	98
19) 1,1-Dichloroethane	6.220	63	386179	25.07	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	226829	24.46	ug/L	97
22) 2-Butanone	7.177	43	93134	47.54	ug/L	97
23) Bromochloromethane	7.519	128	95392	23.89	ug/L	93
25) Chloroform	7.677	83	395738	25.02	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	247064	24.94	ug/L	99
29) Cyclohexane	7.958	56	356743	25.93	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	311976	24.86	ug/L	98
31) Carbon tetrachloride	8.073	117	293519	25.69	ug/L	98
33) Benzene	8.323	78	870487	24.70	ug/L	100
34) Trichloroethene	9.092	95	232422	24.85	ug/L	94
35) Methylcyclohexane	9.335	83	415433	25.56	ug/L	99
37) 1,2-Dichloropropane	9.372	63	210223	24.76	ug/L	99
38) Bromodichloromethane	9.646	83	272671	24.66	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	323369	25.38	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	214311	48.69	ug/L	94
42) Toluene	10.390	91	953525	24.59	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	282131	25.42	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	150489	24.23	ug/L	95
46) Tetrachloroethene	10.866	164	178575	24.01	ug/L	98
48) 2-Hexanone	10.969	43	146884	51.30	ug/L	94
49) Dibromochloromethane	11.128	129	170785	24.43	ug/L	99
50) 1,2-Dibromoethane	11.238	107	141756	24.44	ug/L	100
51) Chlorobenzene	11.658	112	581150	24.24	ug/L	99
52) Ethylbenzene	11.731	91	1067713	24.80	ug/L	97
53) m,p-Xylene	11.841	106	398546	24.66	ug/L	99
54) o-Xylene	12.164	106	381931	25.15	ug/L	97
55) Styrene	12.182	104	640789	24.81	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	174593	24.42	ug/L	98
59) Bromoform	12.347	173	92450	24.57	ug/L	97
60) Isopropylbenzene	12.463	105	1059589	25.03	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	129538	24.67	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	872925	25.49	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	862775	24.95	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	433195	23.59	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	437505	23.87	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	397942	24.60	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	27171	24.21	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	337842	25.17	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	255097	23.86	ug/L	98
71) Naphthalene	15.365	128	493277	25.48	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	228096	24.24	ug/L	97

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

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