

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051221\
 Data File : VW018982.D
 Acq On : 12 May 2021 17:53
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025119

Quant Time: May 13 03:00:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 12 15:15:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	585296	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	538959	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	281769	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	168284	24.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.28%
7) Chloroethane-d5	2.891	69	140004	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	4.025	63	342736	25.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.20%
21) 2-Butanone-d5	7.080	46	104300	70.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.90%#
24) Chloroform-d	7.653	84	362200	24.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.72%
26) 1,2-Dichloroethane-d4	8.305	65	198884	26.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	8.275	84	714122	24.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	9.274	67	214714	25.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.84%
41) Toluene-d8	10.323	98	669952	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.04%
43) trans-1,3-Dichloroprop...	10.579	79	99385	27.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.76%
47) 2-Hexanone-d5	10.926	63	88141	71.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.90%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	195197	30.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.60%#
66) 1,2-Dichlorobenzene-d4	13.853	152	235700	25.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.32%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	140122	26.57	ug/L	96
3) Chloromethane	2.221	50	129653	24.83	ug/L	99
5) Vinyl chloride	2.367	62	231276	27.55	ug/L	97
6) Bromomethane	2.788	94	169936	26.06	ug/L	100
8) Chloroethane	2.928	64	144127	27.52	ug/L	97
9) Trichlorofluoromethane	3.263	101	166006	28.08	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	198130	27.49	ug/L	94
12) 1,1-Dichloroethene	4.044	96	195925	27.19	ug/L	99
13) Acetone	4.129	43	84875	77.49	ug/L	85
14) Carbon disulfide	4.391	76	596985	27.42	ug/L	98
15) Methyl Acetate	4.672	43	88873	36.30	ug/L	94
16) Methylene chloride	4.915	84	245887	25.98	ug/L	93
17) trans-1,2-Dichloroethene	5.434	96	208713	26.63	ug/L	93
18) Methyl tert-butyl Ether	5.427	73	291403	29.34	ug/L	98
19) 1,1-Dichloroethane	6.220	63	365827	26.86	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	225059	27.05	ug/L	98
22) 2-Butanone	7.171	43	122093	73.91	ug/L	95
23) Bromochloromethane	7.519	128	99699	27.14	ug/L	90
25) Chloroform	7.677	83	381494	26.96	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	256707	28.60	ug/L	97
29) Cyclohexane	7.964	56	327593	27.98	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	302785	26.96	ug/L	99
31) Carbon tetrachloride	8.073	117	282164	27.62	ug/L	100
33) Benzene	8.329	78	836028	26.61	ug/L	100
34) Trichloroethene	9.091	95	225054	27.29	ug/L	92
35) Methylcyclohexane	9.335	83	383468	27.58	ug/L	98
37) 1,2-Dichloropropane	9.372	63	203479	27.02	ug/L	100
38) Bromodichloromethane	9.646	83	272943	27.55	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	326148	28.43	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	267926	70.83	ug/L	94
42) Toluene	10.390	91	925325	26.98	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	290105	29.56	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	164485	29.53	ug/L	98
46) Tetrachloroethene	10.866	164	178287	27.35	ug/L	99
48) 2-Hexanone	10.969	43	187387	78.07	ug/L	92
49) Dibromochloromethane	11.128	129	182401	28.55	ug/L	98
50) 1,2-Dibromoethane	11.237	107	160699	30.04	ug/L	99
51) Chlorobenzene	11.658	112	572015	26.35	ug/L	98
52) Ethylbenzene	11.731	91	1028690	27.31	ug/L	98
53) m,p-Xylene	11.841	106	387387	27.15	ug/L	94
54) o-Xylene	12.164	106	365399	26.88	ug/L	94
55) Styrene	12.182	104	627419	27.01	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	206902	31.98	ug/L	99
59) Bromoform	12.347	173	109551	30.59	ug/L	99
60) Isopropylbenzene	12.463	105	1016391	26.96	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	154697	31.92	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	836009	26.88	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	825387	26.37	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	440627	26.35	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	436070	25.71	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	393500	26.05	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	33454	33.53	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	327022	26.70	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	265123	26.53	ug/L	96
71) Naphthalene	15.365	128	576532	32.54	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	238773	27.38	ug/L	96

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

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