

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050621\
 Data File : VW018949.D
 Acq On : 06 May 2021 16:25
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025114

Quant Time: May 07 01:27:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 07 01:24:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	597295	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	544904	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	269661	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	164327	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.76%
7) Chloroethane-d5	2.891	69	133846	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.16%
11) 1,1-Dichloroethene-d2	4.025	63	398631	26.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.80%
21) 2-Butanone-d5	7.086	46	123917	62.09	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.18%
24) Chloroform-d	7.652	84	417383	26.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.48%
26) 1,2-Dichloroethane-d4	8.305	65	250233	28.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.32%
32) Benzene-d6	8.274	84	764428	24.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.32%
36) 1,2-Dichloropropane-d6	9.274	67	230843	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.08%
41) Toluene-d8	10.323	98	707200	24.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.52%
43) trans-1,3-Dichloroprop...	10.579	79	107886	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.96%
47) 2-Hexanone-d5	10.926	63	99032	60.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.12%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	220048	28.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.72%
66) 1,2-Dichlorobenzene-d4	13.853	152	232189	25.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.52%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	153716	27.10	ug/L	99
3) Chloromethane	2.214	50	131597	24.71	ug/L	98
5) Vinyl chloride	2.367	62	229382	26.54	ug/L	99
6) Bromomethane	2.781	94	142070	23.47	ug/L	96
8) Chloroethane	2.928	64	135839	26.12	ug/L	98
9) Trichlorofluoromethane	3.257	101	188673	28.14	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	221266	28.64	ug/L	97
12) 1,1-Dichloroethene	4.043	96	217491	28.11	ug/L	95
13) Acetone	4.135	43	113793	74.42	ug/L	95
14) Carbon disulfide	4.391	76	630456	27.53	ug/L	98
15) Methyl Acetate	4.677	43	102328	32.83	ug/L	99
16) Methylene chloride	4.915	84	272989	27.65	ug/L	97
17) trans-1,2-Dichloroethene	5.427	96	232985	28.09	ug/L	97
18) Methyl tert-butyl Ether	5.427	73	323568	28.28	ug/L	99
19) 1,1-Dichloroethane	6.220	63	421119	29.55	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	244886	27.95	ug/L	93
22) 2-Butanone	7.177	43	151305	71.37	ug/L	99
23) Bromochloromethane	7.512	128	107987	27.97	ug/L	95
25) Chloroform	7.677	83	442120	29.65	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	320063	31.52	ug/L	100
29) Cyclohexane	7.957	56	368176	28.19	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	357954	29.65	ug/L	99
31) Carbon tetrachloride	8.067	117	325856	29.61	ug/L	98
33) Benzene	8.323	78	924936	28.35	ug/L	100
34) Trichloroethene	9.091	95	246662	28.34	ug/L	90
35) Methylcyclohexane	9.335	83	412495	26.95	ug/L	96
37) 1,2-Dichloropropane	9.372	63	229119	29.13	ug/L	99
38) Bromodichloromethane	9.646	83	308176	29.67	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	366916	29.28	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	310725	63.61	ug/L	98
42) Toluene	10.390	91	1015173	28.28	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	335127	30.52	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	180375	28.87	ug/L	96
46) Tetrachloroethene	10.859	164	177010	27.04	ug/L	97
48) 2-Hexanone	10.969	43	224157	70.46	ug/L	98
49) Dibromochloromethane	11.127	129	200717	29.67	ug/L	100
50) 1,2-Dibromoethane	11.237	107	174219	28.75	ug/L	99
51) Chlorobenzene	11.658	112	599877	27.32	ug/L	97
52) Ethylbenzene	11.731	91	1119389	28.12	ug/L	99
53) m,p-Xylene	11.841	106	403283	27.26	ug/L	91
54) o-Xylene	12.164	106	378441	26.85	ug/L	87
55) Styrene	12.182	104	663365	27.99	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	222842	29.51	ug/L	97
59) Bromoform	12.347	173	105938	28.39	ug/L	97
60) Isopropylbenzene	12.463	105	1063831	27.64	ug/L	98
61) 1,2,3-Trichloropropane	12.767	75	173218	30.30	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	912723	28.41	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	898327	27.95	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	446146	27.48	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	441825	26.95	ug/L	92
67) 1,2-Dichlorobenzene	13.871	146	405091	27.56	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	38741	31.87	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	318384	27.19	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	254352	26.16	ug/L	96
71) Naphthalene	15.365	128	596412	29.07	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	228009	26.57	ug/L	100

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

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