

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
 Data File : VW021381.D
 Acq On : 15 Dec 2021 10:19
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025511

Quant Time: Dec 16 00:54:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 15 00:46:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	96812	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	93108	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	57635	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	41715	23.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.640%
7) Chloroethane-d5	2.885	69	32951	28.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.080%
11) 1,1-Dichloroethene-d2	4.019	63	56170	23.895	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.600%
21) 2-Butanone-d5	7.074	46	12138	48.837	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.680%
24) Chloroform-d	7.647	84	65364	24.227	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.920%
26) 1,2-Dichloroethane-d4	8.305	65	33976	23.675	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.680%
32) Benzene-d6	8.275	84	125458	24.582	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.320%
36) 1,2-Dichloropropane-d6	9.274	67	33693	24.616	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.480%
41) Toluene-d8	10.323	98	125448	24.057	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.240%
43) trans-1,3-Dichloroprop...	10.579	79	15694	24.902	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.600%
47) 2-Hexanone-d5	10.921	63	10141	50.105	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.200%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	30206	25.672	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	49649	22.227	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.920%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	9424	25.194	ug/L	91
3) Chloromethane	2.221	50	26522	21.417	ug/L	100
5) Vinyl chloride	2.361	62	47869	24.623	ug/L	98
6) Bromomethane	2.782	94	33524	26.586	ug/L	99
8) Chloroethane	2.922	64	25928	28.950	ug/L	98
9) Trichlorofluoromethane	3.263	101	27297	26.611	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	33768	25.260	ug/L	# 80
12) 1,1-Dichloroethene	4.044	96	29466	24.555	ug/L	74
13) Acetone	4.123	43	7980	35.815	ug/L	92
14) Carbon disulfide	4.385	76	80656	26.026	ug/L	98
15) Methyl Acetate	4.672	43	8924	23.213	ug/L	# 79
16) Methylene chloride	4.922	84	30425	19.020	ug/L	78
17) trans-1,2-Dichloroethene	5.422	96	31259	24.058	ug/L	79
18) Methyl tert-butyl Ether	5.428	73	39861	22.213	ug/L	93
19) 1,1-Dichloroethane	6.220	63	49107	24.085	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	32962	24.052	ug/L	68
22) 2-Butanone	7.165	43	12239	42.062	ug/L	82
23) Bromochloromethane	7.513	128	15719	24.530	ug/L	# 65
25) Chloroform	7.677	83	57385	24.245	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	36039	24.044	ug/L	96
29) Cyclohexane	7.958	56	43562	23.506	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	51630	24.714	ug/L	94
31) Carbon tetrachloride	8.067	117	48996	25.424	ug/L	98
33) Benzene	8.323	78	122238	24.100	ug/L	100
34) Trichloroethene	9.092	95	34096	23.947	ug/L	90
35) Methylcyclohexane	9.342	83	56106	23.888	ug/L #	83
37) 1,2-Dichloropropane	9.366	63	27626	24.418	ug/L #	96
38) Bromodichloromethane	9.646	83	41158	26.459	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	44132	24.746	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	28837	46.779	ug/L #	94
42) Toluene	10.384	91	148868	25.096	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	39252	25.128	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	22949	24.783	ug/L	93
46) Tetrachloroethene	10.866	164	33315	24.631	ug/L	93
48) 2-Hexanone	10.969	43	21995	49.201	ug/L #	95
49) Dibromochloromethane	11.128	129	30232	26.483	ug/L	96
50) 1,2-Dibromoethane	11.231	107	22275	24.172	ug/L	97
51) Chlorobenzene	11.652	112	96997	24.423	ug/L	90
52) Ethylbenzene	11.731	91	165448	24.407	ug/L	94
53) m,p-Xylene	11.835	106	68725	25.131	ug/L	83
54) o-Xylene	12.164	106	64615	24.897	ug/L	98
55) Styrene	12.182	104	112131	25.386	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.713	83	27270	25.690	ug/L #	99
59) Bromoform	12.347	173	17934	26.152	ug/L	97
60) Isopropylbenzene	12.463	105	182412	23.292	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	19631	23.403	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	152445	22.875	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	150630	22.913	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	85804	23.228	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	88807	24.198	ug/L	86
67) 1,2-Dichlorobenzene	13.871	146	78574	24.161	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	4097	23.680	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.627	180	61919	22.427	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	50973	22.954	ug/L	94
71) Naphthalene	15.365	128	83579	23.166	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	41039	22.362	ug/L	93

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

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