

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW113021\
 Data File : VW020986.D
 Acq On : 30 Nov 2021 13:43
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025499

Quant Time: Nov 30 23:58:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 30 00:55:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	107238	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	98581	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	54177	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	25019	20.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.440%
7) Chloroethane-d5	2.885	69	20972	26.142	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.560%
11) 1,1-Dichloroethene-d2	4.025	63	56586	23.512	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.040%
21) 2-Butanone-d5	7.080	46	15499	49.920	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.840%
24) Chloroform-d	7.653	84	69990	25.903	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	8.305	65	35649	25.992	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.960%
32) Benzene-d6	8.275	84	132047	25.415	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.640%
36) 1,2-Dichloropropane-d6	9.274	67	38105	25.755	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.000%
41) Toluene-d8	10.323	98	132491	25.692	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.760%
43) trans-1,3-Dichloroprop...	10.579	79	16845	24.088	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.360%
47) 2-Hexanone-d5	10.927	63	12562	51.193	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.380%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	30409	26.830	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	47511	24.605	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	7771	25.039	ug/L	95
3) Chloromethane	2.221	50	17792	18.856	ug/L	98
5) Vinyl chloride	2.361	62	37407	22.920	ug/L	98
6) Bromomethane	2.782	94	24277	26.826	ug/L	97
8) Chloroethane	2.922	64	18098	26.377	ug/L	97
9) Trichlorofluoromethane	3.263	101	26195	27.554	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	36297	25.116	ug/L	92
12) 1,1-Dichloroethene	4.044	96	32083	23.878	ug/L	77
13) Acetone	4.123	43	12404	44.747	ug/L	93
14) Carbon disulfide	4.385	76	75320	20.727	ug/L	98
15) Methyl Acetate	4.678	43	11892	23.922	ug/L	# 88
16) Methylene chloride	4.922	84	34703	23.203	ug/L	86
17) trans-1,2-Dichloroethene	5.434	96	34677	23.946	ug/L	83
18) Methyl tert-butyl Ether	5.434	73	52275	24.049	ug/L	94
19) 1,1-Dichloroethane	6.220	63	58076	24.204	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	38566	24.710	ug/L	70
22) 2-Butanone	7.171	43	16253	43.154	ug/L	85
23) Bromochloromethane	7.519	128	17752	24.880	ug/L	# 65
25) Chloroform	7.677	83	66497	25.355	ug/L	98

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

27) 1,2-Dichloroethane	8.403	62	39706	25.003	ug/L	96
29) Cyclohexane	7.958	56	49599	22.568	ug/L #	82
30) 1,1,1-Trichloroethane	7.872	97	59359	25.039	ug/L	94
31) Carbon tetrachloride	8.073	117	55027	24.525	ug/L	100
33) Benzene	8.329	78	135665	24.306	ug/L	100
34) Trichloroethene	9.092	95	38069	24.384	ug/L	90
35) Methylcyclohexane	9.335	83	59918	23.278	ug/L	86
37) 1,2-Dichloropropane	9.372	63	32287	24.855	ug/L #	96
38) Bromodichloromethane	9.646	83	46668	25.034	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	52630	24.539	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	37703	48.764	ug/L #	94
42) Toluene	10.390	91	157196	25.038	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	45423	24.098	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	25456	25.196	ug/L	94
46) Tetrachloroethene	10.866	164	34634	24.161	ug/L	95
48) 2-Hexanone	10.969	43	26294	49.096	ug/L #	94
49) Dibromochloromethane	11.128	129	33112	23.773	ug/L	97
50) 1,2-Dibromoethane	11.238	107	25255	24.933	ug/L #	90
51) Chlorobenzene	11.658	112	104031	24.914	ug/L	93
52) Ethylbenzene	11.731	91	176694	25.398	ug/L	94
53) m,p-Xylene	11.841	106	71113	25.037	ug/L	87
54) o-Xylene	12.164	106	67391	24.705	ug/L	98
55) Styrene	12.182	104	115603	25.522	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	28344	25.312	ug/L #	97
59) Bromoform	12.353	173	19419	24.039	ug/L	97
60) Isopropylbenzene	12.463	105	184476	25.000	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	20656	25.993	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	155232	24.937	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	154306	25.124	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	85122	24.605	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	90396	25.903	ug/L	90
67) 1,2-Dichlorobenzene	13.865	146	76117	24.968	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	4360	22.949	ug/L #	55
69) 1,3,5-Trichlorobenzene	14.627	180	68954	25.165	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	51782	23.099	ug/L	96
71) Naphthalene	15.365	128	87297	23.899	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	43291	22.885	ug/L	96

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

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