

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011422\
 Data File : VW021900.D
 Acq On : 14 Jan 2022 08:49
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025536

Quant Time: Jan 17 00:41:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 23:48:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	129197	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	125152	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	72607	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	57474	23.934	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.720%
7) Chloroethane-d5	2.879	69	42097	19.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.640%
11) 1,1-Dichloroethene-d2	4.019	63	88750	23.410	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.640%
21) 2-Butanone-d5	7.074	46	19344	57.072	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.140%
24) Chloroform-d	7.647	84	102541	24.568	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.280%
26) 1,2-Dichloroethane-d4	8.305	65	49221	24.420	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.680%
32) Benzene-d6	8.275	84	201390	24.799	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	9.274	67	52703	24.623	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.480%
41) Toluene-d8	10.323	98	199021	24.311	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.240%
43) trans-1,3-Dichloroprop...	10.579	79	22808	25.098	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.400%
47) 2-Hexanone-d5	10.920	63	17095	58.859	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.720%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42594	25.449	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	73625	24.661	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	15610	30.648	ug/L	96
3) Chloromethane	2.215	50	41204	22.313	ug/L	99
5) Vinyl chloride	2.355	62	62009	23.375	ug/L	98
6) Bromomethane	2.776	94	39671	21.149	ug/L	99
8) Chloroethane	2.916	64	32375	20.193	ug/L	97
9) Trichlorofluoromethane	3.257	101	39308	19.939	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	51145	23.835	ug/L	92
12) 1,1-Dichloroethene	4.038	96	45764	23.731	ug/L	82
13) Acetone	4.123	43	14236	50.839	ug/L	83
14) Carbon disulfide	4.385	76	116604	23.095	ug/L	100
15) Methyl Acetate	4.672	43	14024	24.779	ug/L	# 78
16) Methylene chloride	4.909	84	45404	20.535	ug/L	78
17) trans-1,2-Dichloroethene	5.421	96	49610	23.807	ug/L	76
18) Methyl tert-butyl Ether	5.428	73	63288	23.816	ug/L	# 90
19) 1,1-Dichloroethane	6.214	63	75998	24.869	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	52515	24.498	ug/L	68
22) 2-Butanone	7.165	43	20197	56.427	ug/L	81
23) Bromochloromethane	7.513	128	25857	24.242	ug/L	# 60
25) Chloroform	7.677	83	88232	24.402	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	52310	24.983	ug/L	98
29) Cyclohexane	7.958	56	71351	25.484	ug/L #	77
30) 1,1,1-Trichloroethane	7.872	97	79789	24.596	ug/L #	92
31) Carbon tetrachloride	8.061	117	77337	24.602	ug/L	99
33) Benzene	8.323	78	188489	24.562	ug/L	100
34) Trichloroethene	9.092	95	54262	24.372	ug/L	92
35) Methylcyclohexane	9.335	83	91237	24.919	ug/L #	82
37) 1,2-Dichloropropane	9.366	63	42055	25.155	ug/L #	95
38) Bromodichloromethane	9.646	83	58815	25.201	ug/L #	96
39) cis-1,3-Dichloropropene	10.073	75	67657	26.044	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	41742	53.151	ug/L #	86
42) Toluene	10.384	91	219326	25.482	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	57836	26.600	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	35785	25.211	ug/L	93
46) Tetrachloroethene	10.860	164	52493	23.843	ug/L	95
48) 2-Hexanone	10.963	43	30343	56.468	ug/L #	88
49) Dibromochloromethane	11.128	129	44344	24.794	ug/L	98
50) 1,2-Dibromoethane	11.237	107	35265	25.029	ug/L #	98
51) Chlorobenzene	11.658	112	149440	24.591	ug/L #	87
52) Ethylbenzene	11.731	91	238752	24.970	ug/L	93
53) m,p-Xylene	11.835	106	101233	25.320	ug/L	89
54) o-Xylene	12.164	106	95190	25.646	ug/L	87
55) Styrene	12.176	104	156564	25.549	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	37759	24.724	ug/L #	92
59) Bromoform	12.347	173	23735	23.977	ug/L	98
60) Isopropylbenzene	12.463	105	259430	26.239	ug/L	94
61) 1,2,3-Trichloropropane	12.768	75	28240	27.216	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	217488	26.563	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	212726	26.344	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	122897	24.722	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	123162	25.093	ug/L	86
67) 1,2-Dichlorobenzene	13.865	146	106857	24.551	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	5200	25.951	ug/L #	40
69) 1,3,5-Trichlorobenzene	14.621	180	88562	23.970	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	70777	24.041	ug/L	96
71) Naphthalene	15.359	128	110786	24.395	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	55839	22.968	ug/L	98

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

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