

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021270.D
 Acq On : 10 Dec 2021 02:59
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025521

Quant Time: Dec 10 03:31:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 00:28:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	99978	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	94655	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	57548	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43892	24.105	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.440%
7) Chloroethane-d5	2.879	69	29870	24.815	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.240%
11) 1,1-Dichloroethene-d2	4.019	63	57421	23.654	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.600%
21) 2-Butanone-d5	7.080	46	13410	52.246	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.500%
24) Chloroform-d	7.647	84	67120	24.090	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.360%
26) 1,2-Dichloroethane-d4	8.305	65	35376	23.870	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.480%
32) Benzene-d6	8.275	84	127303	24.536	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.160%
36) 1,2-Dichloropropane-d6	9.275	67	35336	25.395	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.560%
41) Toluene-d8	10.323	98	130569	24.630	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.520%
43) trans-1,3-Dichloroprop...	10.579	79	15690	24.489	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.960%
47) 2-Hexanone-d5	10.921	63	11766	57.183	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.360%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	33302	27.841	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	54443	24.411	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	7083	18.336	ug/L	95
3) Chloromethane	2.215	50	28731	22.466	ug/L	98
5) Vinyl chloride	2.361	62	47335	23.577	ug/L	96
6) Bromomethane	2.776	94	29166	22.397	ug/L	100
8) Chloroethane	2.922	64	22477	24.302	ug/L	98
9) Trichlorofluoromethane	2.357	101	24157	22.804	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	33545	24.298	ug/L	92
12) 1,1-Dichloroethene	4.038	96	30144	24.324	ug/L	83
13) Acetone	4.123	43	9879	42.934	ug/L	90
14) Carbon disulfide	4.385	76	81240	25.385	ug/L	99
15) Methyl Acetate	4.672	43	10844	27.314	ug/L	# 87
16) Methylene chloride	4.916	84	34116	20.652	ug/L	84
17) trans-1,2-Dichloroethene	5.428	96	33391	24.885	ug/L	79
18) Methyl tert-butyl Ether	5.434	73	49700	26.818	ug/L	# 84
19) 1,1-Dichloroethane	6.214	63	53812	25.557	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	35835	25.320	ug/L	71
22) 2-Butanone	7.171	43	15475	51.499	ug/L	88
23) Bromochloromethane	7.519	128	17444	26.360	ug/L	# 64
25) Chloroform	7.677	83	62198	25.446	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	40549	26.197	ug/L #	95
29) Cyclohexane	7.958	56	44800	23.779	ug/L #	81
30) 1,1,1-Trichloroethane	7.878	97	53536	25.208	ug/L	95
31) Carbon tetrachloride	8.073	117	49984	25.513	ug/L	100
33) Benzene	8.323	78	131972	25.594	ug/L	100
34) Trichloroethene	9.092	95	36184	24.998	ug/L	86
35) Methylcyclohexane	9.335	83	57063	23.899	ug/L #	84
37) 1,2-Dichloropropane	9.372	63	30588	26.595	ug/L #	96
38) Bromodichloromethane	9.646	83	44742	28.293	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	49282	27.182	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	35348	56.404	ug/L #	91
42) Toluene	10.390	91	157110	26.052	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	43565	27.433	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	25840	27.449	ug/L	93
46) Tetrachloroethene	10.860	164	33225	24.163	ug/L	94
48) 2-Hexanone	10.969	43	25117	55.267	ug/L #	92
49) Dibromochloromethane	11.128	129	34191	29.462	ug/L	96
50) 1,2-Dibromoethane	11.231	107	25387	27.098	ug/L	91
51) Chlorobenzene	11.652	112	104891	25.979	ug/L	92
52) Ethylbenzene	11.731	91	180302	26.163	ug/L	94
53) m,p-Xylene	11.841	106	73602	26.475	ug/L	94
54) o-Xylene	12.164	106	70805	26.836	ug/L	93
55) Styrene	12.176	104	123625	27.531	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	32620	30.228	ug/L	97
59) Bromoform	12.353	173	20902	30.526	ug/L	98
60) Isopropylbenzene	12.463	105	196240	25.096	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	23800	28.416	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	165219	24.830	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	164361	25.039	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	88296	23.939	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	95975	26.190	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	84659	26.071	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	4865	28.161	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.627	180	67377	24.441	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	55794	25.163	ug/L	92
71) Naphthalene	15.365	128	94066	26.112	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	46412	25.327	ug/L	95

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

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