

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021272.D
 Acq On : 10 Dec 2021 08:45
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025522

Quant Time: Dec 10 22:02:49 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	107649	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	100076	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	63639	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	49385	25.189	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.760%	
7) Chloroethane-d5	2.879	69	32277	24.903	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 99.600%	
11) 1,1-Dichloroethene-d2	4.019	63	62047	23.738	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 94.960%	
21) 2-Butanone-d5	7.098	46	9738	35.236	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	= 70.480%	
24) Chloroform-d	7.647	84	64913	21.638	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 86.560%	
26) 1,2-Dichloroethane-d4	8.305	65	31966	20.032	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 80.120%	
32) Benzene-d6	8.275	84	120607	21.986	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 87.960%	
36) 1,2-Dichloropropane-d6	9.274	67	32446	22.055	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 88.200%	
41) Toluene-d8	10.323	98	120507	21.501	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 86.000%	
43) trans-1,3-Dichloroprop...	10.579	79	14459	21.345	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 85.400%	
47) 2-Hexanone-d5	10.927	63	8243	37.891	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 75.780%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	28348	22.415	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 89.680%	
66) 1,2-Dichlorobenzene-d4	13.853	152	50960	20.662	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 82.640%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	9145	21.987	ug/L	99
3) Chloromethane	2.203	50	33318	24.196	ug/L	97
5) Vinyl chloride	2.355	62	55645	25.741	ug/L	98
6) Bromomethane	2.776	94	33200	23.678	ug/L	99
8) Chloroethane	2.916	64	25863	25.970	ug/L	98
9) Trichlorofluoromethane	3.251	101	31275	27.420	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	35904	24.154	ug/L	91
12) 1,1-Dichloroethene	4.038	96	32158	24.100	ug/L	74
13) Acetone	4.160	43	8548	34.502	ug/L	74
14) Carbon disulfide	4.379	76	86998	25.247	ug/L	100
15) Methyl Acetate	4.684	43	8555	20.013	ug/L	# 86
16) Methylene chloride	4.909	84	31832	17.896	ug/L	85
17) trans-1,2-Dichloroethene	5.422	96	33762	23.368	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	43740	21.920	ug/L	# 83
19) 1,1-Dichloroethane	6.214	63	51909	22.896	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	34401	22.575	ug/L	70
22) 2-Butanone	7.183	43	12374	38.245	ug/L	86
23) Bromochloromethane	7.519	128	16344	22.938	ug/L	# 64
25) Chloroform	7.677	83	58685	22.298	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	36291	21.775	ug/L	96
29) Cyclohexane	7.958	56	46927	23.559	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	54166	24.123	ug/L	95
31) Carbon tetrachloride	8.067	117	52456	25.324	ug/L	99
33) Benzene	8.323	78	126196	23.148	ug/L	100
34) Trichloroethene	9.092	95	35632	23.283	ug/L	93
35) Methylcyclohexane	9.335	83	59002	23.372	ug/L #	83
37) 1,2-Dichloropropane	9.366	63	28054	23.070	ug/L #	96
38) Bromodichloromethane	9.646	83	41434	24.782	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	45979	23.986	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	28038	42.316	ug/L #	92
42) Toluene	10.384	91	146679	23.005	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	39803	23.707	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	23121	23.230	ug/L	93
46) Tetrachloroethene	10.866	164	32190	22.142	ug/L	95
48) 2-Hexanone	10.969	43	20522	42.710	ug/L #	93
49) Dibromochloromethane	11.128	129	30547	24.896	ug/L	100
50) 1,2-Dibromoethane	11.231	107	22451	22.666	ug/L	99
51) Chlorobenzene	11.658	112	93199	21.833	ug/L	91
52) Ethylbenzene	11.731	91	164134	22.527	ug/L	97
53) m,p-Xylene	11.841	106	71162	24.210	ug/L	86
54) o-Xylene	12.164	106	67914	24.346	ug/L	86
55) Styrene	12.176	104	120339	25.348	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.719	83	27184	23.826	ug/L #	98
59) Bromoform	12.347	173	18288	24.152	ug/L	100
60) Isopropylbenzene	12.463	105	195694	22.631	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	19356	20.899	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	164705	22.383	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	162115	22.333	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	94183	23.091	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	91097	22.480	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	80430	22.398	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	3973	20.797	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.627	180	71975	23.610	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	52781	21.526	ug/L	92
71) Naphthalene	15.359	128	80695	20.256	ug/L	97
72) 1,2,3-Trichlorobenzene	15.554	180	44515	21.967	ug/L	98

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

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