

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021248.D
 Acq On : 09 Dec 2021 17:24
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025520

Quant Time: Dec 10 00:25:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 09 17:38:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	108565	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	107300	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	63517	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	49643	25.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.440%	
7) Chloroethane-d5	2.879	69	31951	24.444	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 97.760%	
11) 1,1-Dichloroethene-d2	4.019	63	62873	23.851	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 95.400%	
21) 2-Butanone-d5	7.080	46	14405	51.684	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 103.360%	
24) Chloroform-d	7.647	84	70796	23.400	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 93.600%	
26) 1,2-Dichloroethane-d4	8.305	65	38514	23.932	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 95.720%	
32) Benzene-d6	8.275	84	137443	23.369	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 93.480%	
36) 1,2-Dichloropropane-d6	9.275	67	37192	23.579	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 94.320%	
41) Toluene-d8	10.323	98	143073	23.808	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 95.240%	
43) trans-1,3-Dichloroprop...	10.579	79	18200	25.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 100.240%	
47) 2-Hexanone-d5	10.921	63	12454	53.394	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 106.780%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	35970	26.528	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 106.120%	
66) 1,2-Dichlorobenzene-d4	13.853	152	59316	24.096	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	10948	26.100	ug/L	99
3) Chloromethane	2.215	50	34011	24.491	ug/L	98
5) Vinyl chloride	2.361	62	53274	24.437	ug/L	95
6) Bromomethane	2.776	94	33124	23.425	ug/L	95
8) Chloroethane	2.916	64	24363	24.257	ug/L	100
9) Trichlorofluoromethane	3.257	101	26261	22.830	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	36117	24.092	ug/L	93
12) 1,1-Dichloroethene	4.038	96	32232	23.952	ug/L	83
13) Acetone	4.123	43	11114	44.481	ug/L	95
14) Carbon disulfide	4.385	76	87544	25.191	ug/L	99
15) Methyl Acetate	4.672	43	11559	26.812	ug/L	# 86
16) Methylene chloride	4.916	84	37579	20.949	ug/L	83
17) trans-1,2-Dichloroethene	5.422	96	36145	24.807	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	53247	26.460	ug/L	94
19) 1,1-Dichloroethane	6.214	63	56683	24.791	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	38091	24.785	ug/L	74
22) 2-Butanone	7.171	43	16595	50.858	ug/L	87
23) Bromochloromethane	7.519	128	18218	25.352	ug/L	# 62
25) Chloroform	7.677	83	65904	24.830	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	42729	25.421	ug/L	96
29) Cyclohexane	7.952	56	49955	23.390	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	57886	24.044	ug/L	95
31) Carbon tetrachloride	8.068	117	54918	24.728	ug/L	100
33) Benzene	8.324	78	139977	23.947	ug/L	100
34) Trichloroethene	9.092	95	39162	23.867	ug/L	94
35) Methylcyclohexane	9.336	83	64033	23.658	ug/L #	84
37) 1,2-Dichloropropane	9.372	63	31849	24.428	ug/L #	95
38) Bromodichloromethane	9.646	83	45588	25.431	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	53279	25.923	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	37422	52.676	ug/L #	93
42) Toluene	10.384	91	174253	25.490	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	49306	27.390	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	28032	26.268	ug/L	94
46) Tetrachloroethene	10.860	164	38849	24.924	ug/L	97
48) 2-Hexanone	10.969	43	28005	54.359	ug/L #	93
49) Dibromochloromethane	11.128	129	35705	27.141	ug/L	85
50) 1,2-Dibromoethane	11.232	107	28382	26.725	ug/L	99
51) Chlorobenzene	11.658	112	117923	25.765	ug/L	89
52) Ethylbenzene	11.731	91	201111	25.744	ug/L	96
53) m,p-Xylene	11.841	106	81027	25.711	ug/L	86
54) o-Xylene	12.164	106	78023	26.087	ug/L	97
55) Styrene	12.177	104	134120	26.349	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	35143	28.728	ug/L #	99
59) Bromoform	12.347	173	20884	27.633	ug/L	98
60) Isopropylbenzene	12.463	105	218363	25.301	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	25418	27.496	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.939	105	184042	25.059	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	184154	25.418	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	103629	25.456	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	102024	25.225	ug/L	90
67) 1,2-Dichlorobenzene	13.865	146	89330	24.925	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	5171	27.119	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	72911	23.963	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	59246	24.209	ug/L	98
71) Naphthalene	15.365	128	103754	26.095	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	50114	24.778	ug/L	98

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

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