

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121321\
 Data File : VW021354.D
 Acq On : 13 Dec 2021 10:10
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025528

Quant Time: Dec 14 00:31:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	94834	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.633	117	86839	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	49513	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	44327	25.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.640%	
7) Chloroethane-d5	2.885	69	32584	28.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.160%	
11) 1,1-Dichloroethene-d2	4.019	63	60116	26.107	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.440%	
21) 2-Butanone-d5	7.079	46	11004	45.198	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 90.400%	
24) Chloroform-d	7.652	84	64586	24.438	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 97.760%	
26) 1,2-Dichloroethane-d4	8.305	65	32322	22.992	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 91.960%	
32) Benzene-d6	8.274	84	126262	26.526	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 106.120%	
36) 1,2-Dichloropropane-d6	9.274	67	32925	25.792	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 103.160%	
41) Toluene-d8	10.323	98	123978	25.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 101.960%	
43) trans-1,3-Dichloroprop...	10.579	79	15069	25.637	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 102.560%	
47) 2-Hexanone-d5	10.926	63	8833	46.793	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 93.580%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	26547	24.191	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 96.760%	
66) 1,2-Dichlorobenzene-d4	13.853	152	43099	22.460	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 89.840%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	7595	20.728	ug/L	100
3) Chloromethane	2.214	50	28027	23.104	ug/L	100
5) Vinyl chloride	2.361	62	48099	25.257	ug/L	99
6) Bromomethane	2.775	94	31913	25.836	ug/L	99
8) Chloroethane	2.922	64	24912	28.395	ug/L	99
9) Trichlorofluoromethane	3.257	101	28811	28.673	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	34093	26.035	ug/L	91
12) 1,1-Dichloroethene	4.037	96	30837	26.233	ug/L	82
13) Acetone	4.129	43	7634	34.977	ug/L	90
14) Carbon disulfide	4.385	76	88234	29.066	ug/L	100
15) Methyl Acetate	4.671	43	8516	22.613	ug/L	# 91
16) Methylene chloride	4.915	84	30437	19.424	ug/L	84
17) trans-1,2-Dichloroethene	5.427	96	32223	25.317	ug/L	81
18) Methyl tert-butyl Ether	5.427	73	39395	22.411	ug/L	# 84
19) 1,1-Dichloroethane	6.214	63	50393	25.231	ug/L	94
20) cis-1,2-Dichloroethene	7.171	96	33183	24.718	ug/L	71
22) 2-Butanone	7.177	43	11334	39.764	ug/L	84
23) Bromochloromethane	7.512	128	15865	25.274	ug/L	# 64
25) Chloroform	7.677	83	57777	24.920	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	34411	23.437	ug/L	96
29) Cyclohexane	7.957	56	43798	25.339	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	53198	27.303	ug/L	94
31) Carbon tetrachloride	8.073	117	51363	28.576	ug/L	98
33) Benzene	8.323	78	121082	25.596	ug/L	100
34) Trichloroethene	9.091	95	33965	25.577	ug/L	88
35) Methylcyclohexane	9.335	83	54696	24.969	ug/L #	83
37) 1,2-Dichloropropane	9.366	63	26714	25.317	ug/L #	95
38) Bromodichloromethane	9.646	83	41738	28.769	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	44139	26.536	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	25685	44.674	ug/L #	91
42) Toluene	10.390	91	138744	25.077	ug/L	100
44) trans-1,3-Dichloropropene	10.609	75	38129	26.171	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	21753	25.187	ug/L	97
46) Tetrachloroethene	10.859	164	30423	24.117	ug/L	92
48) 2-Hexanone	10.969	43	19455	46.661	ug/L #	95
49) Dibromochloromethane	11.127	129	30818	28.945	ug/L	100
50) 1,2-Dibromoethane	11.237	107	21499	25.014	ug/L	95
51) Chlorobenzene	11.658	112	92424	24.952	ug/L	92
52) Ethylbenzene	11.731	91	154937	24.506	ug/L	96
53) m,p-Xylene	11.841	106	62933	24.675	ug/L	87
54) o-Xylene	12.164	106	59107	24.419	ug/L	91
55) Styrene	12.182	104	102819	24.959	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	23632	23.870	ug/L #	93
59) Bromoform	12.353	173	18073	30.677	ug/L	100
60) Isopropylbenzene	12.463	105	163055	24.236	ug/L	95
61) 1,2,3-Trichloropropane	12.767	75	16815	23.335	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.944	105	138317	24.160	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	137637	24.371	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	73029	23.013	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	75314	23.887	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	66559	23.824	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.480	75	3681	24.765	ug/L #	68
69) 1,3,5-Trichlorobenzene	14.627	180	57068	24.061	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	40444	21.200	ug/L	96
71) Naphthalene	15.364	128	67226	21.690	ug/L	100
72) 1,2,3-Trichlorobenzene	15.553	180	37550	23.817	ug/L	92

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

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