

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
 Data File : VW021136.D
 Acq On : 04 Dec 2021 23:26
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025510

Quant Time: Dec 06 04:28:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	123731	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	122418	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	72318	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	41990	24.358	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.440%
7) Chloroethane-d5	2.885	69	29625	25.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.680%
11) 1,1-Dichloroethene-d2	4.019	63	71800	26.071	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.280%
21) 2-Butanone-d5	7.080	46	17299	43.994	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.980%
24) Chloroform-d	7.653	84	82672	26.680	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.720%
26) 1,2-Dichloroethane-d4	8.305	65	44828	26.444	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.760%
32) Benzene-d6	8.275	84	153924	24.591	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.360%
36) 1,2-Dichloropropane-d6	9.274	67	43789	25.174	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.680%
41) Toluene-d8	10.323	98	163084	25.410	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.640%
43) trans-1,3-Dichloroprop...	10.579	79	20356	25.772	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.080%
47) 2-Hexanone-d5	10.927	63	15131	45.465	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.940%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	40969	25.459	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	65333	25.214	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.840%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	12357	20.446	ug/L	100
3) Chloromethane	2.215	50	32827	24.262	ug/L	98
5) Vinyl chloride	2.361	62	53264	22.661	ug/L	94
6) Bromomethane	2.776	94	33019	21.127	ug/L	95
8) Chloroethane	2.922	64	23447	23.936	ug/L	95
9) Trichlorofluoromethane	3.257	101	29943	26.383	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	39725	22.362	ug/L	92
12) 1,1-Dichloroethene	4.038	96	36888	22.968	ug/L	84
13) Acetone	4.135	43	10953	30.579	ug/L	79
14) Carbon disulfide	4.379	76	103967	23.322	ug/L	98
15) Methyl Acetate	4.672	43	13832	21.298	ug/L	# 90
16) Methylene chloride	4.915	84	39967	20.503	ug/L	90
17) trans-1,2-Dichloroethene	5.421	96	40956	23.951	ug/L	85
18) Methyl tert-butyl Ether	5.428	73	63864	24.745	ug/L	# 84
19) 1,1-Dichloroethane	6.220	63	66029	24.351	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	44168	24.347	ug/L	78
22) 2-Butanone	7.171	43	17727	35.763	ug/L	84
23) Bromochloromethane	7.519	128	20791	24.494	ug/L	# 63
25) Chloroform	7.677	83	75246	24.722	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	50935	25.582	ug/L	97
29) Cyclohexane	7.958	56	59114	21.889	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	67178	23.536	ug/L	95
31) Carbon tetrachloride	8.067	117	62571	23.591	ug/L	98
33) Benzene	8.323	78	159228	22.873	ug/L	100
34) Trichloroethene	9.091	95	44461	23.150	ug/L	88
35) Methylcyclohexane	9.335	83	71932	22.251	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	36083	22.933	ug/L #	96
38) Bromodichloromethane	9.640	83	53645	24.254	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	61771	24.271	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	43642	40.716	ug/L #	92
42) Toluene	10.390	91	195125	24.540	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	55853	24.257	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	31436	23.831	ug/L	93
46) Tetrachloroethene	10.859	164	40948	23.284	ug/L	96
48) 2-Hexanone	10.969	43	29634	38.325	ug/L #	92
49) Dibromochloromethane	11.128	129	40099	24.322	ug/L	98
50) 1,2-Dibromoethane	11.237	107	31027	23.064	ug/L #	99
51) Chlorobenzene	11.658	112	130655	24.592	ug/L	92
52) Ethylbenzene	11.731	91	232213	25.942	ug/L	98
53) m,p-Xylene	11.841	106	91553	24.724	ug/L	96
54) o-Xylene	12.164	106	89008	25.494	ug/L	98
55) Styrene	12.176	104	153363	25.782	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	37657	23.734	ug/L #	93
59) Bromoform	12.347	173	24389	23.648	ug/L	97
60) Isopropylbenzene	12.463	105	238924	23.772	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	28477	23.507	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.938	105	211672	25.149	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	207667	24.532	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	110576	23.366	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	111153	23.240	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	97406	23.117	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	6636	24.258	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.627	180	79279	22.794	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	67144	23.494	ug/L	93
71) Naphthalene	15.359	128	124082	23.355	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	54799	21.970	ug/L	99

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

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