

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
 Data File : VW021193.D
 Acq On : 07 Dec 2021 02:03
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025514

Quant Time: Dec 07 07:52:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 07 07:23:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	114332	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	110170	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	60398	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39166	24.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.360%
7) Chloroethane-d5	2.879	69	26799	25.131	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.520%
11) 1,1-Dichloroethene-d2	4.019	63	56932	22.372	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.480%
21) 2-Butanone-d5	7.080	46	16117	44.357	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.720%
24) Chloroform-d	7.647	84	72301	25.251	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	8.305	65	38902	24.835	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.320%
32) Benzene-d6	8.275	84	137096	24.338	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.360%
36) 1,2-Dichloropropane-d6	9.274	67	38339	24.491	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.960%
41) Toluene-d8	10.323	98	134357	23.261	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.040%
43) trans-1,3-Dichloroprop...	10.579	79	16649	23.422	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.680%
47) 2-Hexanone-d5	10.920	63	13262	44.280	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.560%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	34864	24.073	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	54773	25.310	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.240%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	11241	20.129	ug/L	98
3) Chloromethane	2.209	50	31302	25.037	ug/L	99
5) Vinyl chloride	2.355	62	53606	24.682	ug/L	96
6) Bromomethane	2.769	94	34613	23.968	ug/L	99
8) Chloroethane	2.916	64	22497	24.854	ug/L	94
9) Trichlorofluoromethane	3.251	101	22657	21.604	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	36474	22.220	ug/L	91
12) 1,1-Dichloroethene	4.038	96	34184	23.035	ug/L	83
13) Acetone	4.123	43	11484	34.698	ug/L	94
14) Carbon disulfide	4.385	76	91295	22.163	ug/L	100
15) Methyl Acetate	4.672	43	13545	22.571	ug/L	# 90
16) Methylene chloride	4.915	84	37887	21.034	ug/L	83
17) trans-1,2-Dichloroethene	5.421	96	38637	24.452	ug/L	81
18) Methyl tert-butyl Ether	5.428	73	57068	23.929	ug/L	94
19) 1,1-Dichloroethane	6.214	63	60611	24.191	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	40666	24.259	ug/L	74
22) 2-Butanone	7.171	43	17861	38.995	ug/L	88
23) Bromochloromethane	7.513	128	19973	25.465	ug/L	# 66
25) Chloroform	7.677	83	71039	25.258	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	45654	24.814	ug/L	97
29) Cyclohexane	7.951	56	52259	21.502	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	59118	23.015	ug/L	95
31) Carbon tetrachloride	8.067	117	53306	22.332	ug/L	95
33) Benzene	8.323	78	147719	23.578	ug/L	100
34) Trichloroethene	9.091	95	41331	23.913	ug/L	93
35) Methylcyclohexane	9.335	83	65313	22.450	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	34187	24.143	ug/L #	96
38) Bromodichloromethane	9.646	83	48961	24.597	ug/L #	93
39) cis-1,3-Dichloropropene	10.073	75	54864	23.954	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	41412	42.930	ug/L #	93
42) Toluene	10.390	91	171775	24.005	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	48009	23.168	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	28595	24.087	ug/L	90
46) Tetrachloroethene	10.859	164	37844	23.911	ug/L	94
48) 2-Hexanone	10.969	43	29646	42.603	ug/L #	97
49) Dibromochloromethane	11.128	129	36214	24.407	ug/L	96
50) 1,2-Dibromoethane	11.237	107	28878	23.854	ug/L	96
51) Chlorobenzene	11.658	112	115495	24.155	ug/L	90
52) Ethylbenzene	11.731	91	191781	23.807	ug/L	97
53) m,p-Xylene	11.835	106	80259	24.083	ug/L	80
54) o-Xylene	12.164	106	78586	25.011	ug/L	85
55) Styrene	12.182	104	137198	25.629	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	34933	24.465	ug/L #	96
59) Bromoform	12.353	173	20991	24.371	ug/L	98
60) Isopropylbenzene	12.463	105	213330	25.415	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	25389	25.094	ug/L	93
62) 1,3,5-Trimethylbenzene	12.944	105	183416	26.093	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	180972	25.598	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	98222	24.852	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	100262	25.100	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	91940	26.126	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	5094	22.297	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.621	180	72297	24.889	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	55659	23.319	ug/L	98
71) Naphthalene	15.359	128	99483	22.420	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	49770	23.892	ug/L	96

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

