

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021112.D
 Acq On : 04 Dec 2021 11:54
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025509

Quant Time: Dec 06 01:13:39 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	112412	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	101915	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	56347	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	41015	26.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.760%	
7) Chloroethane-d5	2.879	69	28965	27.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.520%	
11) 1,1-Dichloroethene-d2	4.019	63	65581	26.211	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.840%	
21) 2-Butanone-d5	7.074	46	13395	37.496	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 75.000%	
24) Chloroform-d	7.647	84	69777	24.786	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 99.160%	
26) 1,2-Dichloroethane-d4	8.305	65	34525	22.417	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 89.680%	
32) Benzene-d6	8.275	84	131746	25.282	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 101.120%	
36) 1,2-Dichloropropane-d6	9.274	67	35527	24.533	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 98.120%	
41) Toluene-d8	10.323	98	131106	24.537	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 98.160%	
43) trans-1,3-Dichloroprop...	10.579	79	15055	22.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 91.600%	
47) 2-Hexanone-d5	10.920	63	10876	39.254	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 78.500%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	28205	21.053	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 84.200%	
66) 1,2-Dichlorobenzene-d4	13.853	152	49096	24.318	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 97.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	12748	23.217	ug/L	97
3) Chloromethane	2.215	50	31251	25.423	ug/L	97
5) Vinyl chloride	2.361	62	54951	25.733	ug/L	94
6) Bromomethane	2.776	94	34393	24.222	ug/L	100
8) Chloroethane	2.922	64	24635	27.681	ug/L	100
9) Trichlorofluoromethane	3.263	101	30965	30.031	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	39157	24.262	ug/L	89
12) 1,1-Dichloroethene	4.038	96	36141	24.769	ug/L	86
13) Acetone	4.129	43	11449	35.183	ug/L	94
14) Carbon disulfide	4.379	76	101181	24.983	ug/L	99
15) Methyl Acetate	4.672	43	11215	19.007	ug/L	# 86
16) Methylene chloride	4.915	84	34517	19.490	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	38323	24.668	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	51691	22.045	ug/L	93
19) 1,1-Dichloroethane	6.220	63	60040	24.372	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	39585	24.017	ug/L	75
22) 2-Butanone	7.171	43	15809	35.105	ug/L	87
23) Bromochloromethane	7.513	128	17864	23.165	ug/L	# 65
25) Chloroform	7.677	83	67259	24.323	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	41005	22.668	ug/L	96
29) Cyclohexane	7.958	56	57120	25.406	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	61105	25.715	ug/L	94
31) Carbon tetrachloride	8.067	117	57807	26.180	ug/L	98
33) Benzene	8.323	78	143335	24.732	ug/L	100
34) Trichloroethene	9.092	95	40828	25.535	ug/L	87
35) Methylcyclohexane	9.335	83	68198	25.340	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	31898	24.352	ug/L #	97
38) Bromodichloromethane	9.646	83	45248	24.573	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	52698	24.872	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	35007	39.230	ug/L #	93
42) Toluene	10.390	91	164351	24.828	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	45581	23.778	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	24970	22.737	ug/L	95
46) Tetrachloroethene	10.860	164	39399	26.910	ug/L	91
48) 2-Hexanone	10.969	43	25874	40.194	ug/L #	95
49) Dibromochloromethane	11.128	129	31751	23.133	ug/L	95
50) 1,2-Dibromoethane	11.231	107	25823	23.058	ug/L #	98
51) Chlorobenzene	11.658	112	108408	24.509	ug/L	92
52) Ethylbenzene	11.731	91	185309	24.867	ug/L	98
53) m,p-Xylene	11.835	106	75567	24.512	ug/L	86
54) o-Xylene	12.164	106	70443	24.236	ug/L	98
55) Styrene	12.182	104	122869	24.811	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	27635	20.921	ug/L #	98
59) Bromoform	12.353	173	17111	21.294	ug/L #	98
60) Isopropylbenzene	12.463	105	202128	25.812	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	20402	21.615	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.944	105	169575	25.858	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	165372	25.073	ug/L	94
64) 1,3-Dichlorobenzene	13.493	146	87913	23.842	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	89716	24.075	ug/L	92
67) 1,2-Dichlorobenzene	13.871	146	78890	24.030	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	4266	20.015	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	68901	25.426	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	52065	23.381	ug/L	95
71) Naphthalene	15.365	128	88741	21.437	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	44124	22.705	ug/L	98

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

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