

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
 Data File : VW021158.D
 Acq On : 06 Dec 2021 09:33
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025512

Quant Time: Dec 07 01:37:09 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	124682	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	112465	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	67845	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45952	26.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.800%	
7) Chloroethane-d5	2.885	69	33350	28.679	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.720%	
11) 1,1-Dichloroethene-d2	4.019	63	75512	27.210	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 108.840%	
21) 2-Butanone-d5	7.074	46	13987	35.300	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 70.600%	
24) Chloroform-d	7.647	84	79845	25.571	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 102.280%	
26) 1,2-Dichloroethane-d4	8.305	65	39736	23.261	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 93.040%	
32) Benzene-d6	8.275	84	153624	26.715	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 106.880%	
36) 1,2-Dichloropropane-d6	9.274	67	41449	25.937	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 103.760%	
41) Toluene-d8	10.323	98	152865	25.925	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 103.720%	
43) trans-1,3-Dichloroprop...	10.579	79	18109	24.957	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 99.840%	
47) 2-Hexanone-d5	10.921	63	11727	38.355	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 76.720%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32382	21.903	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 87.600%	
66) 1,2-Dichlorobenzene-d4	13.847	152	58577	24.097	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	14684	24.111	ug/L	96
3) Chloromethane	2.215	50	37178	27.269	ug/L	96
5) Vinyl chloride	2.361	62	65206	27.530	ug/L	98
6) Bromomethane	2.776	94	39611	25.152	ug/L	98
8) Chloroethane	2.922	64	29478	29.863	ug/L	99
9) Trichlorofluoromethane	3.257	101	34761	30.395	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	46226	25.823	ug/L	92
12) 1,1-Dichloroethene	4.044	96	42851	26.478	ug/L	70
13) Acetone	4.129	43	11985	33.205	ug/L	97
14) Carbon disulfide	4.379	76	121620	27.074	ug/L	99
15) Methyl Acetate	4.672	43	12231	18.689	ug/L	# 89
16) Methylene chloride	4.915	84	40497	20.616	ug/L	86
17) trans-1,2-Dichloroethene	5.422	96	45344	26.315	ug/L	81
18) Methyl tert-butyl Ether	5.422	73	58622	22.540	ug/L	94
19) 1,1-Dichloroethane	6.214	63	71216	26.064	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	47268	25.857	ug/L	74
22) 2-Butanone	7.171	43	16715	33.464	ug/L	88
23) Bromochloromethane	7.519	128	20989	24.539	ug/L	# 61
25) Chloroform	7.677	83	79600	25.953	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	48635	24.240	ug/L	98
29) Cyclohexane	7.958	56	67603	27.248	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	72378	27.602	ug/L	95
31) Carbon tetrachloride	8.061	117	69095	28.357	ug/L	97
33) Benzene	8.323	78	170640	26.681	ug/L	100
34) Trichloroethene	9.092	95	48613	27.552	ug/L	92
35) Methylcyclohexane	9.335	83	79974	26.928	ug/L	86
37) 1,2-Dichloropropane	9.372	63	38411	26.573	ug/L #	96
38) Bromodichloromethane	9.646	83	54718	26.928	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	62880	26.894	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	38326	38.920	ug/L #	94
42) Toluene	10.384	91	197760	27.072	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	53316	25.204	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	29207	24.101	ug/L	96
46) Tetrachloroethene	10.860	164	42923	26.567	ug/L	96
48) 2-Hexanone	10.969	43	27730	39.036	ug/L #	92
49) Dibromochloromethane	11.128	129	38810	25.623	ug/L	98
50) 1,2-Dibromoethane	11.231	107	29059	23.513	ug/L #	96
51) Chlorobenzene	11.652	112	128756	26.379	ug/L	94
52) Ethylbenzene	11.731	91	227320	27.642	ug/L	97
53) m,p-Xylene	11.841	106	95655	28.118	ug/L	87
54) o-Xylene	12.164	106	91569	28.549	ug/L	98
55) Styrene	12.176	104	156343	28.609	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	32314	22.169	ug/L #	88
59) Bromoform	12.347	173	21370	22.087	ug/L	97
60) Isopropylbenzene	12.463	105	259483	27.520	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	23919	21.046	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.938	105	221156	28.008	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	217260	27.357	ug/L	94
64) 1,3-Dichlorobenzene	13.493	146	116781	26.304	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	114984	25.626	ug/L	90
67) 1,2-Dichlorobenzene	13.871	146	100347	25.385	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	4859	18.933	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	85643	26.248	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	66070	24.642	ug/L	93
71) Naphthalene	15.359	128	101485	20.361	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	51738	22.111	ug/L	98

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

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