

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121621\
 Data File : VW021418.D
 Acq On : 16 Dec 2021 18:17
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025514

Quant Time: Dec 17 01:01:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	105601	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	101832	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	62338	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	44674	23.228	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.920%
7) Chloroethane-d5	2.873	69	30061	23.643	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.560%
11) 1,1-Dichloroethene-d2	4.019	63	58197	22.697	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.800%
21) 2-Butanone-d5	7.080	46	18461	68.095	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.200%#
24) Chloroform-d	7.647	84	75738	25.736	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.960%
26) 1,2-Dichloroethane-d4	8.305	65	42065	26.872	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.480%
32) Benzene-d6	8.269	84	138555	24.823	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.280%
36) 1,2-Dichloropropane-d6	9.274	67	39291	26.247	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.000%
41) Toluene-d8	10.323	98	141048	24.732	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.920%
43) trans-1,3-Dichloroprop...	10.579	79	18480	26.811	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.240%
47) 2-Hexanone-d5	10.921	63	16133	72.881	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.760%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	41317	32.107	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.440%#
66) 1,2-Dichlorobenzene-d4	13.853	152	57822	23.933	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	11879	29.114	ug/L	98
3) Chloromethane	2.209	50	33138	24.532	ug/L	99
5) Vinyl chloride	2.355	62	51242	24.164	ug/L	96
6) Bromomethane	2.770	94	32298	23.482	ug/L	96
8) Chloroethane	2.916	64	23533	24.089	ug/L	97
9) Trichlorofluoromethane	3.251	101	25605	22.884	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	36232	24.847	ug/L	91
12) 1,1-Dichloroethene	4.032	96	32355	24.718	ug/L	83
13) Acetone	4.129	43	12383	50.951	ug/L	94
14) Carbon disulfide	4.379	76	79681	23.572	ug/L	100
15) Methyl Acetate	4.678	43	12945	30.870	ug/L	# 85
16) Methylene chloride	4.909	84	34980	20.047	ug/L	82
17) trans-1,2-Dichloroethene	5.422	96	36078	25.456	ug/L	79
18) Methyl tert-butyl Ether	5.422	73	53817	27.494	ug/L	93
19) 1,1-Dichloroethane	6.220	63	57232	25.734	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	38675	25.871	ug/L	76
22) 2-Butanone	7.165	43	18538	58.407	ug/L	87
23) Bromochloromethane	7.513	128	18974	27.145	ug/L	# 61
25) Chloroform	7.677	83	66930	25.924	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	45310	27.714	ug/L	98
29) Cyclohexane	7.952	56	49326	24.336	ug/L #	81
30) 1,1,1-Trichloroethane	7.866	97	58159	25.455	ug/L	95
31) Carbon tetrachloride	8.067	117	54155	25.694	ug/L	98
33) Benzene	8.323	78	139640	25.172	ug/L	100
34) Trichloroethene	9.092	95	39481	25.354	ug/L	85
35) Methylcyclohexane	9.335	83	62207	24.217	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	32318	26.118	ug/L #	95
38) Bromodichloromethane	9.646	83	48561	28.544	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	53100	27.224	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	41770	61.954	ug/L #	91
42) Toluene	10.384	91	162033	24.975	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	48390	28.324	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	29197	28.829	ug/L	96
46) Tetrachloroethene	10.860	164	38496	26.023	ug/L	91
48) 2-Hexanone	10.963	43	31717	64.870	ug/L #	93
49) Dibromochloromethane	11.128	129	36393	29.149	ug/L	96
50) 1,2-Dibromoethane	11.231	107	29262	29.033	ug/L	99
51) Chlorobenzene	11.652	112	110002	25.325	ug/L	93
52) Ethylbenzene	11.731	91	185751	25.054	ug/L	99
53) m,p-Xylene	11.835	106	73758	24.661	ug/L	92
54) o-Xylene	12.164	106	72309	25.475	ug/L	96
55) Styrene	12.176	104	125092	25.895	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	36136	31.126	ug/L #	92
59) Bromoform	12.353	173	20645	27.834	ug/L	98
60) Isopropylbenzene	12.463	105	200341	23.652	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	26622	29.343	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	167976	23.304	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	166424	23.406	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	98664	24.695	ug/L	85
65) 1,4-Dichlorobenzene	13.573	146	98229	24.746	ug/L	89
67) 1,2-Dichlorobenzene	13.865	146	87143	24.774	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	5472	29.241	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.621	180	70266	23.530	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	57186	23.809	ug/L	95
71) Naphthalene	15.359	128	107039	27.430	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	51454	25.921	ug/L	94

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

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