

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021440.D
 Acq On : 17 Dec 2021 19:20
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025516

Quant Time: Dec 17 21:18:53 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	8.841	114	113590	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	107307	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	65917	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39946	19.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.240%
7) Chloroethane-d5	2.879	69	28730	21.007	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.040%
11) 1,1-Dichloroethene-d2	4.019	63	59414	21.542	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.160%
21) 2-Butanone-d5	7.074	46	20584	70.586	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.180%#
24) Chloroform-d	7.647	84	74766	23.619	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.480%
26) 1,2-Dichloroethane-d4	8.305	65	41572	24.689	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.760%
32) Benzene-d6	8.268	84	135392	23.018	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.080%
36) 1,2-Dichloropropane-d6	9.274	67	38836	24.620	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.480%
41) Toluene-d8	10.323	98	136682	22.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.960%
43) trans-1,3-Dichloroprop...	10.573	79	17892	24.633	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.520%
47) 2-Hexanone-d5	10.920	63	17997	77.154	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.300%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	40766	30.063	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.240%#
66) 1,2-Dichlorobenzene-d4	13.853	152	57868	22.652	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	14883	33.911	ug/L	99
3) Chloromethane	2.215	50	29534	20.326	ug/L	100
5) Vinyl chloride	2.355	62	48793	21.391	ug/L	98
6) Bromomethane	2.776	94	33032	22.326	ug/L	98
8) Chloroethane	2.916	64	23730	22.582	ug/L	98
9) Trichlorofluoromethane	3.251	101	24725	20.544	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	37707	24.040	ug/L	92
12) 1,1-Dichloroethene	4.037	96	33270	23.629	ug/L	75
13) Acetone	4.123	43	14023	53.641	ug/L	96
14) Carbon disulfide	4.379	76	78187	21.503	ug/L	100
15) Methyl Acetate	4.665	43	14421	31.971	ug/L	# 89
16) Methylene chloride	4.909	84	36702	19.555	ug/L	82
17) trans-1,2-Dichloroethene	5.415	96	36303	23.813	ug/L	84
18) Methyl tert-butyl Ether	5.427	73	57558	27.337	ug/L	94
19) 1,1-Dichloroethane	6.214	63	58495	24.452	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	39272	24.423	ug/L	75
22) 2-Butanone	7.165	43	20397	59.745	ug/L	88
23) Bromochloromethane	7.506	128	18946	25.199	ug/L	# 69
25) Chloroform	7.671	83	67598	24.341	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	46306	26.331	ug/L	97
29) Cyclohexane	7.951	56	53044	24.835	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	59578	24.745	ug/L	95
31) Carbon tetrachloride	8.067	117	55350	24.921	ug/L	99
33) Benzene	8.317	78	142587	24.392	ug/L	100
34) Trichloroethene	9.091	95	40310	24.565	ug/L	94
35) Methylcyclohexane	9.335	83	66325	24.503	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	33277	25.521	ug/L #	97
38) Bromodichloromethane	9.640	83	47073	26.257	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	55052	26.784	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	47451	66.789	ug/L #	91
42) Toluene	10.384	91	166959	24.421	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	50424	28.009	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	30538	28.615	ug/L	92
46) Tetrachloroethene	10.859	164	36463	23.391	ug/L	87
48) 2-Hexanone	10.963	43	34720	67.389	ug/L #	91
49) Dibromochloromethane	11.128	129	36171	27.493	ug/L	98
50) 1,2-Dibromoethane	11.231	107	30729	28.933	ug/L #	100
51) Chlorobenzene	11.658	112	113904	24.885	ug/L	94
52) Ethylbenzene	11.725	91	192958	24.698	ug/L	100
53) m,p-Xylene	11.835	106	77289	24.523	ug/L	88
54) o-Xylene	12.164	106	74993	25.072	ug/L	84
55) Styrene	12.176	104	129247	25.390	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	37224	30.427	ug/L #	95
59) Bromoform	12.347	173	21774	27.762	ug/L	96
60) Isopropylbenzene	12.463	105	206984	23.109	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	27640	28.811	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	175470	23.022	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	173359	23.057	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	98964	23.425	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	97970	23.340	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	90703	24.386	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	6224	31.453	ug/L #	58
69) 1,3,5-Trichlorobenzene	14.621	180	74444	23.576	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	65253	25.692	ug/L	94
71) Naphthalene	15.365	128	127407	30.877	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	56824	27.072	ug/L	95

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

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