

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021088.D
 Acq On : 04 Dec 2021 01:16
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025508

Quant Time: Dec 04 01:44:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 01:31:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	107788	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	102640	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	56722	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	38552	25.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.680%	
7) Chloroethane-d5	2.885	69	26338	26.199	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.800%	
11) 1,1-Dichloroethene-d2	4.019	63	59592	24.839	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 99.360%	
21) 2-Butanone-d5	7.080	46	16439	47.990	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 95.980%	
24) Chloroform-d	7.653	84	70762	26.214	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 104.840%	
26) 1,2-Dichloroethane-d4	8.311	65	37877	25.648	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 102.600%	
32) Benzene-d6	8.275	84	132942	25.332	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 101.320%	
36) 1,2-Dichloropropane-d6	9.275	67	37818	25.931	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 103.720%	
41) Toluene-d8	10.323	98	132067	24.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 98.160%	
43) trans-1,3-Dichloroprop...	10.579	79	16588	25.049	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 100.200%	
47) 2-Hexanone-d5	10.927	63	12987	46.542	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 93.080%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	33126	24.551	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 98.200%	
66) 1,2-Dichlorobenzene-d4	13.853	152	51804	25.490	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 101.960%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	9651	18.331	ug/L	96
3) Chloromethane	2.215	50	27338	23.194	ug/L	100
5) Vinyl chloride	2.361	62	47541	23.218	ug/L	95
6) Bromomethane	2.776	94	30347	22.290	ug/L	99
8) Chloroethane	2.922	64	20306	23.795	ug/L	97
9) Trichlorofluoromethane	3.263	101	22513	22.770	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	33563	21.688	ug/L	93
12) 1,1-Dichloroethene	4.050	96	31366	22.419	ug/L	72
13) Acetone	4.135	43	10802	34.619	ug/L	94
14) Carbon disulfide	4.391	76	90219	23.232	ug/L	97
15) Methyl Acetate	4.678	43	12436	21.981	ug/L	# 88
16) Methylene chloride	4.916	84	33219	19.562	ug/L	85
17) trans-1,2-Dichloroethene	5.434	96	34415	23.103	ug/L	83
18) Methyl tert-butyl Ether	5.428	73	52687	23.434	ug/L	95
19) 1,1-Dichloroethane	6.220	63	55422	23.463	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	36798	23.284	ug/L	76
22) 2-Butanone	7.171	43	16862	39.049	ug/L	86
23) Bromochloromethane	7.519	128	17696	23.931	ug/L	# 68
25) Chloroform	7.677	83	62001	23.383	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	41513	23.933	ug/L #	95
29) Cyclohexane	7.958	56	49469	21.847	ug/L #	82
30) 1,1,1-Trichloroethane	7.872	97	54977	22.973	ug/L	95
31) Carbon tetrachloride	8.074	117	51406	23.116	ug/L	99
33) Benzene	8.323	78	133301	22.838	ug/L	100
34) Trichloroethene	9.092	95	36842	22.879	ug/L	91
35) Methylcyclohexane	9.335	83	60348	22.265	ug/L #	86
37) 1,2-Dichloropropane	9.372	63	30905	23.427	ug/L #	97
38) Bromodichloromethane	9.646	83	43611	23.517	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	50697	23.759	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	38395	42.723	ug/L #	91
42) Toluene	10.390	91	153235	22.985	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	44840	23.226	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	25926	23.441	ug/L	93
46) Tetrachloroethene	10.866	164	34428	23.349	ug/L	88
48) 2-Hexanone	10.969	43	26678	41.150	ug/L #	94
49) Dibromochloromethane	11.128	129	32515	23.522	ug/L	96
50) 1,2-Dibromoethane	11.231	107	26081	23.124	ug/L	95
51) Chlorobenzene	11.658	112	101541	22.795	ug/L #	89
52) Ethylbenzene	11.731	91	169185	22.542	ug/L	99
53) m,p-Xylene	11.841	106	67344	21.690	ug/L	100
54) o-Xylene	12.164	106	66384	22.678	ug/L	97
55) Styrene	12.183	104	113044	22.666	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	30638	23.031	ug/L #	99
59) Bromoform	12.347	173	18676	23.088	ug/L	98
60) Isopropylbenzene	12.463	105	177153	22.473	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	21616	22.749	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	155528	23.559	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	157816	23.769	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	87556	23.589	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	87513	23.328	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	78277	23.685	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	4860	22.651	ug/L #	63
69) 1,3,5-Trichlorobenzene	14.627	180	64575	23.672	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	54369	24.255	ug/L	92
71) Naphthalene	15.365	128	99242	23.815	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	45165	23.087	ug/L	99

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

