

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071221\
 Data File : VW019437.D
 Acq On : 12 Jul 2021 16:46
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025487

Quant Time: Jul 13 02:23:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 13 02:19:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	464293	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	436966	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	225188	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	175821	26.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.920%	
7) Chloroethane-d5	2.897	69	125455	26.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.960%	
11) 1,1-Dichloroethene-d2	4.031	63	328165	25.854	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 103.400%	
21) 2-Butanone-d5	7.086	46	103317	54.111	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 108.220%	
24) Chloroform-d	7.653	84	335346	26.140	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 104.560%	
26) 1,2-Dichloroethane-d4	8.311	65	186213	26.450	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.800%	
32) Benzene-d6	8.281	84	677012	26.028	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 104.120%	
36) 1,2-Dichloropropane-d6	9.274	67	208478	25.715	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.880%	
41) Toluene-d8	10.329	98	612006	26.097	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 104.400%	
43) trans-1,3-Dichloroprop...	10.579	79	91483	26.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 105.400%	
47) 2-Hexanone-d5	10.927	63	84408	56.120	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 112.240%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	176489	26.941	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 107.760%	
66) 1,2-Dichlorobenzene-d4	13.853	152	206089	25.939	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	156951	28.378	ug/L	96
3) Chloromethane	2.221	50	140721	24.795	ug/L	99
5) Vinyl chloride	2.367	62	208873	26.740	ug/L	97
6) Bromomethane	2.788	94	113868	26.364	ug/L	97
8) Chloroethane	2.934	64	115649	27.816	ug/L	97
9) Trichlorofluoromethane	3.269	101	118621	24.998	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	167516	27.598	ug/L	96
12) 1,1-Dichloroethene	4.050	96	166326	27.440	ug/L	90
13) Acetone	4.141	43	81926	58.232	ug/L	88
14) Carbon disulfide	4.397	76	525036	27.049	ug/L	100
15) Methyl Acetate	4.678	43	87035	27.795	ug/L	99
16) Methylene chloride	4.928	84	230302	24.881	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	180179	27.335	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	243885	26.780	ug/L	96
19) 1,1-Dichloroethane	6.220	63	326598	26.987	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	190886	27.380	ug/L	94
22) 2-Butanone	7.177	43	121340	55.739	ug/L	96
23) Bromochloromethane	7.519	128	87176	27.765	ug/L	92
25) Chloroform	7.683	83	327138	27.327	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	220292	27.351	ug/L #	95
29) Cyclohexane	7.958	56	306349	27.339	ug/L	94
30) 1,1,1-Trichloroethane	7.878	97	240464	26.664	ug/L	99
31) Carbon tetrachloride	8.079	117	226065	26.942	ug/L	100
33) Benzene	8.329	78	753472	27.548	ug/L	100
34) Trichloroethene	9.091	95	185679	26.599	ug/L	94
35) Methylcyclohexane	9.341	83	338767	27.424	ug/L	95
37) 1,2-Dichloropropane	9.372	63	188994	27.267	ug/L	98
38) Bromodichloromethane	9.646	83	234306	27.262	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	291794	27.528	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	251054	57.388	ug/L	96
42) Toluene	10.390	91	793628	27.840	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	257722	27.642	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	144236	27.968	ug/L	95
46) Tetrachloroethene	10.866	164	143436	26.960	ug/L	94
48) 2-Hexanone	10.969	43	172435	57.873	ug/L	95
49) Dibromochloromethane	11.134	129	155616	28.058	ug/L	100
50) 1,2-Dibromoethane	11.237	107	138215	27.942	ug/L #	99
51) Chlorobenzene	11.658	112	483466	26.970	ug/L	98
52) Ethylbenzene	11.731	91	856110	27.585	ug/L	95
53) m,p-Xylene	11.841	106	327072	27.887	ug/L	100
54) o-Xylene	12.170	106	311363	28.093	ug/L	98
55) Styrene	12.182	104	544884	28.374	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	177695	27.979	ug/L	99
59) Bromoform	12.353	173	89770	27.929	ug/L	99
60) Isopropylbenzene	12.463	105	830794	27.452	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	133125	26.987	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	698364	27.560	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	702002	27.495	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	361087	26.073	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	374475	27.365	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	342376	27.442	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	29343	27.258	ug/L	100
69) 1,3,5-Trichlorobenzene	14.627	180	268147	26.499	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	221885	26.226	ug/L	97
71) Naphthalene	15.365	128	477914	27.969	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	193388	25.525	ug/L	99

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

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