

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082321\
 Data File : VW019843.D
 Acq On : 23 Aug 2021 09:02
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025519

Quant Time: Aug 24 00:50:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 20 23:32:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	353230	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	338127	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	169499	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	155188	28.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.440%	
7) Chloroethane-d5	2.898	69	130974	27.265	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.040%	
11) 1,1-Dichloroethene-d2	4.031	63	247357	26.046	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.200%	
21) 2-Butanone-d5	7.074	46	64711	58.211	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 116.420%	
24) Chloroform-d	7.653	84	257635	26.521	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 106.080%	
26) 1,2-Dichloroethane-d4	8.311	65	141871	27.100	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.400%	
32) Benzene-d6	8.281	84	498847	25.875	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.480%	
36) 1,2-Dichloropropane-d6	9.274	67	149436	25.596	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.400%	
41) Toluene-d8	10.323	98	458819	25.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 103.880%	
43) trans-1,3-Dichloroprop...	10.579	79	66332	27.502	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 110.000%	
47) 2-Hexanone-d5	10.927	63	45568	56.027	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 112.060%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	131158	27.602	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 110.400%	
66) 1,2-Dichlorobenzene-d4	13.853	152	148687	25.573	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	100657	29.078	ug/L	98
3) Chloromethane	2.221	50	113906	26.441	ug/L	98
5) Vinyl chloride	2.373	62	179807	28.144	ug/L	97
6) Bromomethane	2.794	94	120438	25.404	ug/L	96
8) Chloroethane	2.940	64	112201	26.790	ug/L	94
9) Trichlorofluoromethane	3.269	101	118593	28.860	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	132643	27.194	ug/L	98
12) 1,1-Dichloroethene	4.050	96	122352	25.579	ug/L	97
13) Acetone	4.117	43	55567	58.553	ug/L	92
14) Carbon disulfide	4.391	76	403581	26.380	ug/L	99
15) Methyl Acetate	4.672	43	53472	27.069	ug/L	99
16) Methylene chloride	4.915	84	134417	22.172	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	129884	25.849	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	153474	26.534	ug/L	97
19) 1,1-Dichloroethane	6.220	63	232876	26.146	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	134005	26.348	ug/L	100
22) 2-Butanone	7.171	43	73033	59.388	ug/L	99
23) Bromochloromethane	7.519	128	61809	27.155	ug/L	95
25) Chloroform	7.677	83	240510	26.101	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	160039	26.623	ug/L	98
29) Cyclohexane	7.964	56	208736	26.288	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	198823	26.310	ug/L	98
31) Carbon tetrachloride	8.073	117	183487	26.047	ug/L	99
33) Benzene	8.329	78	534755	25.768	ug/L	100
34) Trichloroethene	9.092	95	135687	25.151	ug/L	96
35) Methylcyclohexane	9.342	83	243938	26.362	ug/L	99
37) 1,2-Dichloropropane	9.372	63	133597	25.993	ug/L	99
38) Bromodichloromethane	9.646	83	171002	25.683	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	199798	26.398	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	155926	57.054	ug/L	98
42) Toluene	10.390	91	577432	26.267	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	178882	26.851	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	100934	27.126	ug/L	97
46) Tetrachloroethene	10.866	164	103944	25.435	ug/L	92
48) 2-Hexanone	10.969	43	116490	61.231	ug/L	97
49) Dibromochloromethane	11.128	129	112751	26.490	ug/L	96
50) 1,2-Dibromoethane	11.238	107	92452	26.454	ug/L	97
51) Chlorobenzene	11.658	112	348127	24.934	ug/L	98
52) Ethylbenzene	11.731	91	618961	26.153	ug/L	95
53) m,p-Xylene	11.841	106	236321	26.002	ug/L	97
54) o-Xylene	12.164	106	226486	26.344	ug/L	100
55) Styrene	12.182	104	392930	26.748	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	122466	26.839	ug/L	97
59) Bromoform	12.347	173	61742	27.435	ug/L	99
60) Isopropylbenzene	12.463	105	600891	26.164	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	90169	27.133	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	495880	27.052	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	499502	26.883	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	257311	25.129	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	263280	25.015	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	240530	25.868	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19211	26.518	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	178962	25.366	ug/L	95
70) 1,2,4-trichlorobenzene	15.133	180	148470	27.386	ug/L	99
71) Naphthalene	15.365	128	302952	28.019	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	136035	27.098	ug/L	98

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

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