

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082621\
 Data File : VW021955.D
 Acq On : 26 Aug 2021 09:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050317

Quant Time: Aug 27 03:41:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 26 05:17:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	424559	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	403129	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	220742	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	113773	34.279	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.560%		
7) Chloroethane-d5	1.561	69	95787	38.244	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.480%		
11) 1,1-Dichloroethene-d2	2.105	63	211276	39.990	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.980%		
21) 2-Butanone-d5	3.870	46	199815	96.798	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.800%		
24) Chloroform-d	4.346	84	251329	43.706	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.420%		
26) 1,2-Dichloroethane-d4	5.031	65	149770	45.279	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.560%		
32) Benzene-d6	5.047	84	505881	43.639	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.280%		
36) 1,2-Dichloropropane-d6	6.069	67	158912	44.020	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.040%		
41) Toluene-d8	7.314	98	486294	45.385	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.780%		
43) trans-1,3-Dichloroprop...	7.622	79	72254	40.668	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.340%		
47) 2-Hexanone-d5	8.088	63	135356	114.399	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.400%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	216969	48.500	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.000%		
66) 1,2-Dichlorobenzene-d4	11.625	152	201705	44.153	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.300%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	145333	44.247	ug/L	99
3) Chloromethane	1.240	50	154787	45.377	ug/L	100
5) Vinyl chloride	1.307	62	154612	46.031	ug/L	100
6) Bromomethane	1.513	94	92529	45.832	ug/L	98
8) Chloroethane	1.581	64	93989	46.827	ug/L	100
9) Trichlorofluoromethane	1.748	101	216713	47.090	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	123235	46.771	ug/L	99
12) 1,1-Dichloroethene	2.114	96	119524	47.625	ug/L	95
13) Acetone	2.156	43	116755	68.740	ug/L #	100
14) Carbon disulfide	2.291	76	376174	44.548	ug/L	99
15) Methyl Acetate	2.423	43	158774	50.883	ug/L	98
16) Methylene chloride	2.503	84	161133	46.158	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	147992	50.253	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	454014	50.129	ug/L	99
19) 1,1-Dichloroethane	3.188	63	256780	48.983	ug/L	98
20) cis-1,2-Dichloroethene	3.909	96	160902	47.183	ug/L	99
22) 2-Butanone	3.954	43	206553	83.503	ug/L	98
23) Bromochloromethane	4.243	128	84658	46.791	ug/L	97
25) Chloroform	4.372	83	266695	47.281	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	187065	47.069	ug/L	99
29) Cyclohexane	4.674	56	224148	45.147	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	234099	46.408	ug/L	99
31) Carbon tetrachloride	4.828	117	202925	46.491	ug/L	99
33) Benzene	5.098	78	575188	46.366	ug/L	100
34) Trichloroethene	5.912	95	158647	44.502	ug/L	96
35) Methylcyclohexane	6.130	83	232906	44.781	ug/L	99
37) 1,2-Dichloropropane	6.172	63	147373	46.916	ug/L	100
38) Bromodichloromethane	6.510	83	191602	46.279	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	214420	43.108	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	401410	92.899	ug/L	99
42) Toluene	7.387	91	630119	47.558	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	200190	42.707	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	149154	47.400	ug/L	99
46) Tetrachloroethene	7.976	164	126615	47.790	ug/L	97
48) 2-Hexanone	8.137	43	303148	90.572	ug/L	98
49) Dibromochloromethane	8.246	129	162566	46.791	ug/L	99
50) 1,2-Dibromoethane	8.352	107	162876	47.564	ug/L	97
51) Chlorobenzene	8.883	112	409922	47.386	ug/L	100
52) Ethylbenzene	9.011	91	669524	47.366	ug/L	99
53) m,p-Xylene	9.140	106	259433	47.357	ug/L	99
54) o-Xylene	9.545	106	258240	47.556	ug/L	99
55) Styrene	9.561	104	444396	48.871	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	220492	50.334	ug/L	98
59) Bromoform	9.731	173	115299	43.939	ug/L	100
60) Isopropylbenzene	9.931	105	677288	45.765	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	181379	44.463	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	570719	45.955	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	583203	46.186	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	337075	47.033	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	338344	47.296	ug/L	100
67) 1,2-Dichlorobenzene	11.645	146	336169	46.498	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	45572	45.948	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	248033	47.744	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	218730	50.202	ug/L	99
71) Naphthalene	13.503	128	648041	51.204	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	217414	49.673	ug/L	99

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

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