

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062521\
 Data File : VW021569.D
 Acq On : 25 Jun 2021 12:03
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050175

Manual Integrations
 APPROVED

MMDadoda
 6/28/2021 2:11:34 PM

Quant Time: Jun 26 02:31:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 26 02:29:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	417147	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	399683	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	217978	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	108727	39.588	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.180%		
7) Chloroethane-d5	1.568	69	100169	49.030	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.060%		
11) 1,1-Dichloroethene-d2	2.105	63	211718	45.114	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.220%		
21) 2-Butanone-d5	3.892	46	255328	129.647	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	129.650%		
24) Chloroform-d	4.346	84	277224	50.707	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.420%		
26) 1,2-Dichloroethane-d4	5.027	65	175292	55.666	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.340%		
32) Benzene-d6	5.047	84	532625	47.636	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.280%		
36) 1,2-Dichloropropane-d6	6.066	67	176242	51.041	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.080%		
41) Toluene-d8	7.313	98	476401	44.722	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.440%		
43) trans-1,3-Dichloroprop...	7.619	79	90541	48.997	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.000%		
47) 2-Hexanone-d5	8.088	63	179980	113.514	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	113.510%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	256643	53.544	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	107.080%		
66) 1,2-Dichlorobenzene-d4	11.625	152	202482	44.686	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.127	85	119228	41.236	ug/L	98
3) Chloromethane	1.240	50	135433	47.020	ug/L	99
5) Vinyl chloride	1.310	62	133320	45.100	ug/L	98
6) Bromomethane	1.523	94	99510	49.153	ug/L	99
8) Chloroethane	1.584	64	92009	54.742	ug/L	100
9) Trichlorofluoromethane	1.751	101	184754	42.135	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	119564	46.909	ug/L	91
12) 1,1-Dichloroethene	2.114	96	111353	45.483	ug/L	94
13) Acetone	2.188	43	186369m	109.983	ug/L	
14) Carbon disulfide	2.291	76	337269	43.696	ug/L	100
15) Methyl Acetate	2.433	43	191186	65.849	ug/L	96
16) Methylene chloride	2.503	84	168465	54.929	ug/L	95
17) trans-1,2-Dichloroethene	2.757	96	137627	49.273	ug/L	95
18) Methyl tert-butyl Ether	2.764	73	545021	61.551	ug/L	98
19) 1,1-Dichloroethane	3.185	63	274175	55.391	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	168737	53.997	ug/L	93
22) 2-Butanone	3.976	43	274779	128.008	ug/L	98
23) Bromochloromethane	4.243	128	93825	54.212	ug/L	92
25) Chloroform	4.371	83	286836	55.998	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	223374	63.124	ug/L	100
29) Cyclohexane	4.674	56	218055	46.830	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	234129	47.453	ug/L	97
31) Carbon tetrachloride	4.825	117	201617	45.013	ug/L	99
33) Benzene	5.095	78	596812	52.170	ug/L	100
34) Trichloroethene	5.911	95	155900	50.136	ug/L	96
35) Methylcyclohexane	6.127	83	227191	45.514	ug/L	98
37) 1,2-Dichloropropane	6.172	63	165226	56.646	ug/L	99
38) Bromodichloromethane	6.506	83	229546	56.083	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	272466	55.561	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	519185	131.277	ug/L	98
42) Toluene	7.384	91	635243	50.056	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	261270	56.317	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	171230	57.841	ug/L	98
46) Tetrachloroethene	7.976	164	117098	40.959	ug/L	95
48) 2-Hexanone	8.140	43	402415	132.670	ug/L	98
49) Dibromochloromethane	8.246	129	195751	52.806	ug/L	99
50) 1,2-Dibromoethane	8.352	107	182212	55.923	ug/L	98
51) Chlorobenzene	8.879	112	427671	50.973	ug/L	98
52) Ethylbenzene	9.011	91	691793	49.630	ug/L	99
53) m,p-Xylene	9.136	106	266014	49.669	ug/L	99
54) o-Xylene	9.542	106	271875	51.413	ug/L	100
55) Styrene	9.561	104	470654	51.714	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	271888	58.837	ug/L	98
59) Bromoform	9.731	173	146382	49.771	ug/L #	98
60) Isopropylbenzene	9.931	105	689109	51.018	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	221498	64.671	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	588876	50.642	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	608230	51.779	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	335190	49.129	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	337918	49.058	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	348946	51.080	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	64641	60.583	ug/L	84
69) 1,3,5-Trichlorobenzene	12.644	180	250968	43.605	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	222529	43.278	ug/L	98
71) Naphthalene	13.503	128	721229	50.852	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	225252	45.007	ug/L	99

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

