

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060721\
 Data File : VV021532.D
 Acq On : 07 Jun 2021 16:27
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050197

Quant Time: Jun 08 03:19:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 08 03:17:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	459332	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	430467	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	257434	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	154660	51.141	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.280%			
7) Chloroethane-d5	1.564	69	102655	45.632	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.260%			
11) 1,1-Dichloroethene-d2	2.108	63	260886	50.485	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.980%			
21) 2-Butanone-d5	3.883	46	203840	93.997	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.000%			
24) Chloroform-d	4.349	84	292055	48.514	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.020%			
26) 1,2-Dichloroethane-d4	5.031	65	167510	48.309	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.620%			
32) Benzene-d6	5.050	84	588062	48.833	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.660%			
36) 1,2-Dichloropropane-d6	6.069	67	176826	47.548	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.100%			
41) Toluene-d8	7.317	98	560400	48.845	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.700%			
43) trans-1,3-Dichloroprop...	7.622	79	95856	48.164	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.320%			
47) 2-Hexanone-d5	8.085	63	159730	93.538	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.540%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	243116	47.095	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.180%			
66) 1,2-Dichlorobenzene-d4	11.625	152	249876	46.694	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	157407	49.441	ug/L	99
3) Chloromethane	1.243	50	146584	46.218	ug/L	99
5) Vinyl chloride	1.310	62	157667	48.437	ug/L	99
6) Bromomethane	1.523	94	95102	42.661	ug/L	98
8) Chloroethane	1.584	64	80022	43.238	ug/L	99
9) Trichlorofluoromethane	1.751	101	248397	51.446	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	145447	51.823	ug/L	97
12) 1,1-Dichloroethene	2.117	96	135090	50.111	ug/L	97
13) Acetone	2.175	43	168607	90.363	ug/L #	85
14) Carbon disulfide	2.294	76	406016	47.772	ug/L	100
15) Methyl Acetate	2.429	43	153365	47.971	ug/L	99
16) Methylene chloride	2.507	84	165424	48.984	ug/L	95
17) trans-1,2-Dichloroethene	2.761	96	156174	50.778	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	496510	50.922	ug/L	99
19) 1,1-Dichloroethane	3.188	63	269375	49.424	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	174316	50.660	ug/L	97
22) 2-Butanone	3.963	43	224868	95.136	ug/L	97
23) Bromochloromethane	4.246	128	98305	51.584	ug/L	94
25) Chloroform	4.375	83	282385	50.066	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	201301	51.662	ug/L	99
29) Cyclohexane	4.677	56	243674	48.589	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	269667	50.748	ug/L	99
31) Carbon tetrachloride	4.828	117	244068	50.594	ug/L	100
33) Benzene	5.098	78	610231	49.528	ug/L	100
34) Trichloroethene	5.915	95	170788	50.996	ug/L	96
35) Methylcyclohexane	6.130	83	258175	48.022	ug/L	98
37) 1,2-Dichloropropane	6.175	63	153319	48.805	ug/L	100
38) Bromodichloromethane	6.510	83	218807	49.636	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	266164	50.394	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	414588	97.333	ug/L	98
42) Toluene	7.387	91	681527	49.863	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	252103	50.455	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	161053	50.513	ug/L	99
46) Tetrachloroethene	7.976	164	159222	51.710	ug/L	98
48) 2-Hexanone	8.137	43	314570	96.292	ug/L	98
49) Dibromochloromethane	8.246	129	203212	50.899	ug/L	99
50) 1,2-Dibromoethane	8.352	107	178076	50.745	ug/L	99
51) Chlorobenzene	8.882	112	459696	50.871	ug/L	99
52) Ethylbenzene	9.011	91	755870	50.350	ug/L	99
53) m,p-Xylene	9.136	106	291916	50.608	ug/L	100
54) o-Xylene	9.542	106	288313	50.623	ug/L	98
55) Styrene	9.561	104	499516	50.960	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	246761	49.580	ug/L	99
59) Bromoform	9.731	173	170819	49.178	ug/L	100
60) Isopropylbenzene	9.931	105	775324	48.603	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	191471	47.336	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	660874	48.123	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	666414	48.037	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	402881	50.000	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	400526	49.235	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	396502	49.145	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	58041	46.060	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	333741	49.099	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	306138	50.414	ug/L	99
71) Naphthalene	13.500	128	842898	50.322	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	296603	50.180	ug/L	99

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

