

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042721\
 Data File : VW021163.D
 Acq On : 27 Apr 2021 10:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050182

Manual Integrations
 APPROVED

MMDadoda
 4/28/2021 1:48:07 PM

Quant Time: Apr 28 03:24:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 27 04:16:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	704556	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	688040	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	409631	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	264354	45.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.32%		
7) Chloroethane-d5	1.571	69	199029	46.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.46%		
11) 1,1-Dichloroethene-d2	2.111	63	494891	46.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.70%		
21) 2-Butanone-d5	3.896	46	272996	96.56	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.56%		
24) Chloroform-d	4.349	84	498123	48.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.52%		
26) 1,2-Dichloroethane-d4	5.034	65	319604	48.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.42%		
32) Benzene-d6	5.053	84	895223	48.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.70%		
36) 1,2-Dichloropropane-d6	6.072	67	258940	47.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.68%		
41) Toluene-d8	7.317	98	864125	48.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.46%		
43) trans-1,3-Dichloroprop...	7.622	79	148155	49.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.14%		
47) 2-Hexanone-d5	8.092	63	211870	97.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.66%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	391891	47.50	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.00%		
66) 1,2-Dichlorobenzene-d4	11.632	152	376345	46.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.02%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	342399	48.13	ug/L	100
3) Chloromethane	1.243	50	283279	46.27	ug/L	99
5) Vinyl chloride	1.314	62	302379	48.25	ug/L	99
6) Bromomethane	1.526	94	212949	50.43	ug/L	99
8) Chloroethane	1.587	64	185482	50.16	ug/L	95
9) Trichlorofluoromethane	1.754	101	561069	50.24	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	278210	50.22	ug/L	99
12) 1,1-Dichloroethene	2.121	96	254202	50.54	ug/L	87
13) Acetone	2.188	43	308574m	116.85	ug/L	
14) Carbon disulfide	2.298	76	670315	48.58	ug/L	100
15) Methyl Acetate	2.436	43	224309	51.36	ug/L	100
16) Methylene chloride	2.510	84	261173	49.79	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	248101	51.34	ug/L	95
18) Methyl tert-butyl Ether	2.770	73	766482	51.67	ug/L	100
19) 1,1-Dichloroethane	3.191	63	447720	51.34	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	258512	50.12	ug/L	100
22) 2-Butanone	3.979	43	342190	111.89	ug/L	98
23) Bromochloromethane	4.249	128	155790	52.41	ug/L	96
25) Chloroform	4.375	83	515368	52.51	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	400206	51.21	ug/L	97
29) Cyclohexane	4.680	56	356265	50.88	ug/L	97
30) 1,1,1-Trichloroethane	4.609	97	491332	53.31	ug/L	99
31) Carbon tetrachloride	4.828	117	449402	52.79	ug/L	99
33) Benzene	5.101	78	1011252	52.72	ug/L	100
34) Trichloroethene	5.915	95	272511	51.34	ug/L	99
35) Methylcyclohexane	6.133	83	402199	50.42	ug/L	97
37) 1,2-Dichloropropane	6.175	63	245445	52.10	ug/L	99
38) Bromodichloromethane	6.510	83	378135	51.50	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	395968	51.53	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	611442	107.37	ug/L	99
42) Toluene	7.391	91	1122503	53.31	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	416099	52.33	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	263445	51.48	ug/L	97
46) Tetrachloroethene	7.979	164	238195	50.17	ug/L	97
48) 2-Hexanone	8.143	43	504291	112.45	ug/L	98
49) Dibromochloromethane	8.249	129	325157	51.59	ug/L	99
50) 1,2-Dibromoethane	8.355	107	292415	52.86	ug/L	99
51) Chlorobenzene	8.886	112	735618	50.80	ug/L	98
52) Ethylbenzene	9.014	91	1261184	54.02	ug/L	99
53) m,p-Xylene	9.143	106	482089	54.18	ug/L	100
54) o-Xylene	9.548	106	464732	53.18	ug/L	100
55) Styrene	9.564	104	831757	56.34	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	410323	50.45	ug/L	99
59) Bromoform	9.735	173	247550	49.30	ug/L	99
60) Isopropylbenzene	9.937	105	1280472	52.29	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	338493	49.01	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	1109991	53.38	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	1122090	54.11	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	629468	51.60	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	644234	51.41	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	634078	50.36	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	100804	48.69	ug/L	99
69) 1,3,5-Trichlorobenzene	12.651	180	486491	51.28	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	401077	51.58	ug/L	99
71) Naphthalene	13.509	128	1149944	53.09	ug/L	99
72) 1,2,3-Trichlorobenzene	13.751	180	428171	53.97	ug/L	99

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

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