

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042221\
 Data File : VW021089.D
 Acq On : 22 Apr 2021 11:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050176

Manual Integrations
 APPROVED

MMDadoda
 4/27/2021 4:40:59 PM

Quant Time: Apr 23 04:27:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 22 06:32:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	749658	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	725587	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	414803	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	283519	46.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.06%		
7) Chloroethane-d5	1.568	69	211328	46.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.26%		
11) 1,1-Dichloroethene-d2	2.108	63	527532	46.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.86%		
21) 2-Butanone-d5	3.899	46	323860	107.66	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.66%		
24) Chloroform-d	4.349	84	521707	47.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.02%		
26) 1,2-Dichloroethane-d4	5.031	65	344786	49.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.78%		
32) Benzene-d6	5.050	84	967657	50.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.14%		
36) 1,2-Dichloropropane-d6	6.069	67	290733	50.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.80%		
41) Toluene-d8	7.317	98	938494	50.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.36%		
43) trans-1,3-Dichloroprop...	7.622	79	164251	52.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	104.22%		
47) 2-Hexanone-d5	8.092	63	259088	113.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	113.25%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	430673	49.50	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.00%		
66) 1,2-Dichlorobenzene-d4	11.628	152	404766	49.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.80%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	385475	50.93	ug/L	99
3) Chloromethane	1.243	50	348918	53.56	ug/L	99
5) Vinyl chloride	1.310	62	359414	53.90	ug/L	99
6) Bromomethane	1.523	94	224351	49.93	ug/L	96
8) Chloroethane	1.587	64	209830	53.33	ug/L	97
9) Trichlorofluoromethane	1.754	101	590579	49.70	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	296485	50.30	ug/L	100
12) 1,1-Dichloroethene	2.117	96	271227	50.68	ug/L	94
13) Acetone	2.195	43	317789m	113.10	ug/L	
14) Carbon disulfide	2.294	76	746358	50.84	ug/L	100
15) Methyl Acetate	2.439	43	257601	55.44	ug/L	98
16) Methylene chloride	2.507	84	276032	49.46	ug/L	96
17) trans-1,2-Dichloroethene	2.757	96	271028	52.71	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	849421	53.81	ug/L	99
19) 1,1-Dichloroethane	3.188	63	482618	52.01	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	285838	52.09	ug/L	94
22) 2-Butanone	3.979	43	372304	114.41	ug/L	98
23) Bromochloromethane	4.246	128	158835	50.22	ug/L	97
25) Chloroform	4.375	83	537785	51.49	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	427190	51.37	ug/L	99
29) Cyclohexane	4.677	56	413769	56.03	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	502388	51.68	ug/L	98
31) Carbon tetrachloride	4.828	117	470929	52.46	ug/L	99
33) Benzene	5.098	78	1072022	53.00	ug/L	100
34) Trichloroethene	5.915	95	293860	52.50	ug/L	98
35) Methylcyclohexane	6.133	83	471097	56.00	ug/L	99
37) 1,2-Dichloropropane	6.175	63	268524	54.05	ug/L	99
38) Bromodichloromethane	6.510	83	407919	52.69	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	459713	56.73	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	706175	117.59	ug/L	99
42) Toluene	7.387	91	1214119	54.68	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	462955	55.21	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	281518	52.17	ug/L	98
46) Tetrachloroethene	7.976	164	256810	51.29	ug/L	95
48) 2-Hexanone	8.143	43	565069	119.48	ug/L	99
49) Dibromochloromethane	8.249	129	348292	52.41	ug/L	97
50) 1,2-Dibromoethane	8.352	107	305099	52.30	ug/L	99
51) Chlorobenzene	8.882	112	797903	52.25	ug/L	99
52) Ethylbenzene	9.014	91	1341683	54.49	ug/L	99
53) m,p-Xylene	9.140	106	516369	55.03	ug/L	99
54) o-Xylene	9.548	106	504041	54.69	ug/L	100
55) Styrene	9.564	104	870280	55.90	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	447050	52.12	ug/L	99
59) Bromoform	9.735	173	263428	51.81	ug/L	99
60) Isopropylbenzene	9.934	105	1387719	55.97	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	374999	53.62	ug/L	98
62) 1,3,5-Trimethylbenzene	10.545	105	1185837	56.32	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	1219590	58.08	ug/L	97
64) 1,3-Dichlorobenzene	11.185	146	664132	53.77	ug/L	100
65) 1,4-Dichlorobenzene	11.278	146	678407	53.46	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	674524	52.90	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	113225	54.01	ug/L	91
69) 1,3,5-Trichlorobenzene	12.651	180	517952	53.91	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	426081	54.11	ug/L	100
71) Naphthalene	13.509	128	1275158	58.14	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	439779	54.74	ug/L	99

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

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