

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042621\
 Data File : VW021161.D
 Acq On : 26 Apr 2021 22:42
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050181

Manual Integrations
 APPROVED

MMDadoda
 4/27/2021 10:44:07 AM

Quant Time: Apr 27 04:21:06 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	5.622	114	698697	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	699154	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	392290	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	277687	48.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.74%		
7) Chloroethane-d5	1.568	69	204913	48.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.04%		
11) 1,1-Dichloroethene-d2	2.111	63	507749	47.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.90%		
21) 2-Butanone-d5	3.908	46	307641	109.73	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	109.73%		
24) Chloroform-d	4.352	84	503977	49.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.48%		
26) 1,2-Dichloroethane-d4	5.037	65	330474	50.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.58%		
32) Benzene-d6	5.053	84	917576	49.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.56%		
36) 1,2-Dichloropropane-d6	6.072	67	270612	48.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.38%		
41) Toluene-d8	7.320	98	907752	50.37	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.74%		
43) trans-1,3-Dichloroprop...	7.625	79	151924	50.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.04%		
47) 2-Hexanone-d5	8.095	63	243765	110.58	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.58%		
56) 1,1,2,2-Tetrachloroeth...	10.223	84	409857	48.89	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.78%		
66) 1,2-Dichlorobenzene-d4	11.632	152	390050	50.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.66%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	324054	45.94	ug/L	99
3) Chloromethane	1.243	50	276746	45.58	ug/L	99
5) Vinyl chloride	1.310	62	296967	47.78	ug/L	100
6) Bromomethane	1.523	94	200323	47.84	ug/L	99
8) Chloroethane	1.587	64	184841	50.41	ug/L	96
9) Trichlorofluoromethane	1.754	101	541289	48.87	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	262577	47.80	ug/L	99
12) 1,1-Dichloroethene	2.117	96	243805	48.88	ug/L	98
13) Acetone	2.207	43	228223m	87.15	ug/L	
14) Carbon disulfide	2.294	76	648061	47.37	ug/L	100
15) Methyl Acetate	2.442	43	231528	53.46	ug/L	99
16) Methylene chloride	2.510	84	254825	48.99	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	237650	49.59	ug/L	95
18) Methyl tert-butyl Ether	2.773	73	772169	52.49	ug/L	99
19) 1,1-Dichloroethane	3.191	63	440375	50.92	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	261106	51.05	ug/L	99
22) 2-Butanone	3.992	43	318006	104.85	ug/L	97
23) Bromochloromethane	4.252	128	151932	51.54	ug/L	98
25) Chloroform	4.378	83	498636	51.23	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	398342	51.40	ug/L	100
29) Cyclohexane	4.680	56	348671	49.00	ug/L	96
30) 1,1,1-Trichloroethane	4.613	97	479691	51.22	ug/L	99
31) Carbon tetrachloride	4.831	117	431841	49.92	ug/L	99
33) Benzene	5.104	78	995362	51.07	ug/L	100
34) Trichloroethene	5.918	95	275286	51.04	ug/L	98
35) Methylcyclohexane	6.137	83	406424	50.14	ug/L	97
37) 1,2-Dichloropropane	6.178	63	242119	50.57	ug/L	98
38) Bromodichloromethane	6.513	83	379409	50.86	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	404104	51.75	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	656787	113.50	ug/L	100
42) Toluene	7.391	91	1130479	52.83	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	412719	51.08	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	259447	49.90	ug/L	99
46) Tetrachloroethene	7.979	164	244202	50.62	ug/L	97
48) 2-Hexanone	8.143	43	515369	113.09	ug/L	99
49) Dibromochloromethane	8.252	129	326102	50.92	ug/L	96
50) 1,2-Dibromoethane	8.355	107	290693	51.71	ug/L	96
51) Chlorobenzene	8.886	112	746938	50.76	ug/L	99
52) Ethylbenzene	9.018	91	1238460	52.20	ug/L	100
53) m,p-Xylene	9.143	106	471565	52.16	ug/L	96
54) o-Xylene	9.548	106	467749	52.67	ug/L	99
55) Styrene	9.564	104	829882	55.32	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	411036	49.74	ug/L	99
59) Bromoform	9.738	173	242683	50.47	ug/L	99
60) Isopropylbenzene	9.937	105	1273564	54.31	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	355890	53.81	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	1090188	54.75	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	1101588	55.47	ug/L	98
64) 1,3-Dichlorobenzene	11.188	146	606786	51.94	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	630386	52.52	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	631554	52.37	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	107088	54.01	ug/L	95
69) 1,3,5-Trichlorobenzene	12.651	180	462974	50.96	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	393986	52.91	ug/L	98
71) Naphthalene	13.509	128	1209856	58.33	ug/L	100
72) 1,2,3-Trichlorobenzene	13.750	180	421625	55.49	ug/L	99

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

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