

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042121\
 Data File : VW021070.D
 Acq On : 21 Apr 2021 11:22
 Operator : SY/MD
 Sample : VSTD10066
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100166

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 2:48:51 PM

Quant Time: Apr 22 06:17:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 22 06:16:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	685855	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	678214	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	410709	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	570527	139.14	ug/L	0.00
7) Chloroethane-d5	1.571	69	413096	130.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	1034658	121.40	ug/L	0.00
21) 2-Butanone-d5	3.902	46	585775	235.72	ug/L	0.00
24) Chloroform-d	4.349	84	1002368	105.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	647113	102.86	ug/L	0.00
32) Benzene-d6	5.050	84	1820267	106.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	542933	113.29	ug/L	0.00
41) Toluene-d8	7.317	98	1828802	108.93	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	317936	111.03	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	467933	231.01	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	822304	107.08	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	817150	98.14	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	672588	114.14	ug/L	100
3) Chloromethane	1.243	50	579113	137.42	ug/L	98
5) Vinyl chloride	1.310	62	604031	131.18	ug/L	100
6) Bromomethane	1.523	94	395945	120.68	ug/L	100
8) Chloroethane	1.587	64	349615	121.40	ug/L	96
9) Trichlorofluoromethane	1.754	101	1063878	104.39	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	535434	110.18	ug/L	98
12) 1,1-Dichloroethene	2.118	96	480116	109.80	ug/L	98
13) Acetone	2.204	43	458694m	207.07	ug/L	
14) Carbon disulfide	2.294	76	1340024	111.66	ug/L	100
15) Methyl Acetate	2.439	43	424102	114.94	ug/L	99
16) Methylene chloride	2.507	84	484093	100.58	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	471198	103.58	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	1488650	104.51	ug/L	99
19) 1,1-Dichloroethane	3.191	63	831262	105.30	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	506147	104.41	ug/L	99
22) 2-Butanone	3.986	43	597136	222.75	ug/L	98
23) Bromochloromethane	4.249	128	281547	98.55	ug/L	97
25) Chloroform	4.375	83	933673	95.69	ug/L	98
27) 1,2-Dichloroethane	5.130	62	741268	98.57	ug/L	99
29) Cyclohexane	4.677	56	710549	112.66	ug/L	97
30) 1,1,1-Trichloroethane	4.609	97	898357	96.09	ug/L	99
31) Carbon tetrachloride	4.828	117	831112	95.55	ug/L	97
33) Benzene	5.101	78	1850768	104.27	ug/L	100
34) Trichloroethene	5.915	95	520604	102.30	ug/L	97
35) Methylcyclohexane	6.133	83	833631	111.59	ug/L	98
37) 1,2-Dichloropropane	6.175	63	454091	106.27	ug/L	99
38) Bromodichloromethane	6.510	83	725659	102.07	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	818600	111.01	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	1179191	224.95	ug/L	99
42) Toluene	7.391	91	2158371	108.10	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	833829	109.75	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	490057	100.90	ug/L	100
46) Tetrachloroethene	7.976	164	467828	97.96	ug/L	98
48) 2-Hexanone	8.143	43	927148	226.81	ug/L	97
49) Dibromochloromethane	8.249	129	635574	99.40	ug/L	97
50) 1,2-Dibromoethane	8.355	107	549990	102.23	ug/L	98
51) Chlorobenzene	8.883	112	1433030	102.69	ug/L	98
52) Ethylbenzene	9.014	91	2435481	107.91	ug/L	100
53) m,p-Xylene	9.140	106	937930	106.48	ug/L	100
54) o-Xylene	9.548	106	920468	107.67	ug/L	99
55) Styrene	9.564	104	1605086	109.93	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	792874	102.49	ug/L	100
59) Bromoform	9.735	173	483918	89.58	ug/L	99
60) Isopropylbenzene	9.934	105	2551691	102.45	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	654013	97.29	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	2207066	103.69	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	2269724	105.44	ug/L	97
64) 1,3-Dichlorobenzene	11.185	146	1236830	97.37	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	1260535	94.97	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	1245306	94.88	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	211916	107.14	ug/L	98
69) 1,3,5-Trichlorobenzene	12.651	180	982790	98.77	ug/L	100
70) 1,2,4-trichlorobenzene	13.268	180	860004	104.37	ug/L	98
71) Naphthalene	13.509	128	2629087	120.80	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	864982	104.18	ug/L	99

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

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