

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042121\
 Data File : VW021067.D
 Acq On : 21 Apr 2021 09:50
 Operator : SY/MD
 Sample : VSTD00563
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005163

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 2:48:40 PM

Quant Time: Apr 22 06:16:45 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	609041	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	579418	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	301711	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	25963	7.13	ug/L	0.00
7) Chloroethane-d5	1.571	69	19102	6.81	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	49260	6.51	ug/L	0.00
21) 2-Butanone-d5	3.944	46	22184m	10.05	ug/L	0.04
24) Chloroform-d	4.355	84	46309	5.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	28641	5.13	ug/L	0.00
32) Benzene-d6	5.056	84	79438	5.46	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	23082	5.64	ug/L	0.00
41) Toluene-d8	7.320	98	70309	4.90	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	11842	4.84	ug/L	0.00
47) 2-Hexanone-d5	8.101	63	14655	8.47	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.223	84	34412	5.25	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	31150	5.09	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	35947	6.87	ug/L	100
3) Chloromethane	1.243	50	30070	8.04	ug/L	97
5) Vinyl chloride	1.314	62	30399	7.43	ug/L	98
6) Bromomethane	1.526	94	21534	7.39	ug/L	97
8) Chloroethane	1.587	64	18885	7.38	ug/L	90
9) Trichlorofluoromethane	1.754	101	55035	6.08	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	26375	6.11	ug/L	99
12) 1,1-Dichloroethene	2.118	96	23989	6.18	ug/L	97
13) Acetone	2.211	43	31452m	15.99	ug/L	
14) Carbon disulfide	2.294	76	66011	6.19	ug/L	98
15) Methyl Acetate	2.442	43	21286m	6.50	ug/L	
16) Methylene chloride	2.507	84	27689	6.48	ug/L	91
17) trans-1,2-Dichloroethene	2.764	96	22823	5.65	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	66854	5.29	ug/L	100
19) 1,1-Dichloroethane	3.195	63	41977	5.99	ug/L	97
20) cis-1,2-Dichloroethene	3.918	96	23431	5.44	ug/L	98
22) 2-Butanone	4.011	43	28943m	12.16	ug/L	
23) Bromochloromethane	4.256	128	13721	5.41	ug/L	98
25) Chloroform	4.378	83	47460	5.48	ug/L	97
27) 1,2-Dichloroethane	5.143	62	37578	5.63	ug/L	97
29) Cyclohexane	4.680	56	29799	5.53	ug/L	99
30) 1,1,1-Trichloroethane	4.613	97	43025	5.39	ug/L	99
31) Carbon tetrachloride	4.831	117	39845	5.36	ug/L	98
33) Benzene	5.105	78	88408	5.83	ug/L	100
34) Trichloroethene	5.921	95	23506	5.41	ug/L	93
35) Methylcyclohexane	6.137	83	33943	5.32	ug/L	97
37) 1,2-Dichloropropane	6.175	63	20351	5.57	ug/L	99
38) Bromodichloromethane	6.516	83	33011	5.43	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	30846	4.90	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	46491	10.38	ug/L	98
42) Toluene	7.394	91	87200	5.11	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	33541	5.17	ug/L	95

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45) 1,1,2-Trichloroethane	7.844	97	23799	5.74	ug/L	98
46) Tetrachloroethene	7.979	164	21130	5.18	ug/L	97
48) 2-Hexanone	8.149	43	36829	10.55	ug/L	98
49) Dibromochloromethane	8.252	129	28485	5.21	ug/L	93
50) 1,2-Dibromoethane	8.358	107	25029	5.45	ug/L #	95
51) Chlorobenzene	8.886	112	66167	5.55	ug/L	96
52) Ethylbenzene	9.018	91	93857	4.87	ug/L	95
53) m,p-Xylene	9.143	106	35366	4.70	ug/L	98
54) o-Xylene	9.548	106	35228	4.82	ug/L	91
55) Styrene	9.567	104	54716	4.39	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	36762	5.56	ug/L	99
59) Bromoform	9.738	173	20697	5.22	ug/L	99
60) Isopropylbenzene	9.934	105	89588	4.90	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	29242	5.92	ug/L	97
62) 1,3,5-Trimethylbenzene	10.545	105	73495	4.70	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	69920	4.42	ug/L	96
64) 1,3-Dichlorobenzene	11.188	146	46234	4.95	ug/L	97
65) 1,4-Dichlorobenzene	11.281	146	49551	5.08	ug/L	94
67) 1,2-Dichlorobenzene	11.651	146	50537	5.24	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.439	75	8020	5.52	ug/L	98
69) 1,3,5-Trichlorobenzene	12.654	180	34833	4.77	ug/L	99
70) 1,2,4-trichlorobenzene	13.271	180	25592	4.23	ug/L	97
71) Naphthalene	13.513	128	60151	3.76	ug/L	99
72) 1,2,3-Trichlorobenzene	13.754	180	26359	4.32	ug/L	98

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

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