

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052721\
 Data File : VW021441.D
 Acq On : 27 May 2021 12:12
 Operator : SY/MD
 Sample : VSTD20063
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200163

Manual Integrations
 APPROVED

MMDadoda
 5/28/2021 3:06:18 PM

Quant Time: May 28 02:38:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 28 02:37:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	483418	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	454614	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	265670	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	636857	272.49	ug/L	0.00
7) Chloroethane-d5	1.565	69	440895	219.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	1078102	183.91	ug/L	0.00
21) 2-Butanone-d5	3.873	46	927366	505.21	ug/L	-0.01
24) Chloroform-d	4.343	84	1266584	189.72	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	738049	153.96	ug/L	0.00
32) Benzene-d6	5.047	84	2504723	231.18	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	774949	264.63	ug/L	0.00
41) Toluene-d8	7.314	98	2362682	214.32	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	424916	211.24	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	714322	531.42	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	1045966	230.67	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	1087824	205.77	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	673087	176.81	ug/L	99
3) Chloromethane	1.237	50	649149	257.03	ug/L	100
5) Vinyl chloride	1.307	62	683524	225.38	ug/L	100
6) Bromomethane	1.520	94	457208	197.62	ug/L	99
8) Chloroethane	1.581	64	351564	185.10	ug/L	99
9) Trichlorofluoromethane	1.748	101	1009138	140.80	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	590248	178.71	ug/L	99
12) 1,1-Dichloroethene	2.114	96	565734	189.02	ug/L	94
13) Acetone	2.172	43	627384m	312.16	ug/L	
14) Carbon disulfide	2.288	76	1785383	227.95	ug/L	100
15) Methyl Acetate	2.426	43	659635	252.41	ug/L	100
16) Methylene chloride	2.500	84	678263	214.17	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	651687	211.39	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	2038914	190.20	ug/L	100
19) 1,1-Dichloroethane	3.185	63	1127574	210.84	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	725501	214.73	ug/L	99
22) 2-Butanone	3.957	43	954936	462.69	ug/L	95
23) Bromochloromethane	4.240	128	400162	209.39	ug/L	97
25) Chloroform	4.368	83	1171412	174.70	ug/L	100
27) 1,2-Dichloroethane	5.127	62	819003	139.65	ug/L	99
29) Cyclohexane	4.674	56	1029511	251.35	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	1095430	161.48	ug/L	100
31) Carbon tetrachloride	4.825	117	1008151	159.56	ug/L	100
33) Benzene	5.095	78	2504953	210.94	ug/L	100
34) Trichloroethene	5.912	95	696632	186.61	ug/L	98
35) Methylcyclohexane	6.130	83	1105826	221.36	ug/L	99
37) 1,2-Dichloropropane	6.172	63	639466	241.27	ug/L	100
38) Bromodichloromethane	6.507	83	909122	177.59	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	1091497	221.28	ug/L	99
40) 4-Methyl-2-pentanone	7.224	43	1705325	464.32	ug/L	99
42) Toluene	7.384	91	2746034	200.31	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	1047921	201.32	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	652007	203.65	ug/L	99
46) Tetrachloroethene	7.973	164	642853	199.69	ug/L	99
48) 2-Hexanone	8.137	43	1274148	438.96	ug/L	99
49) Dibromochloromethane	8.246	129	826077	186.59	ug/L	99
50) 1,2-Dibromoethane	8.349	107	714101	199.72	ug/L	100
51) Chlorobenzene	8.879	112	1843131	196.12	ug/L	99
52) Ethylbenzene	9.011	91	3056728	195.57	ug/L	100
53) m,p-Xylene	9.137	106	1184198	193.31	ug/L	98
54) o-Xylene	9.542	106	1150474	194.53	ug/L	98
55) Styrene	9.558	104	1985715	196.69	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	990786	221.25	ug/L	99
59) Bromoform	9.728	173	699546	194.99	ug/L	99
60) Isopropylbenzene	9.931	105	3069237	181.69	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	771508	177.99	ug/L	99
62) 1,3,5-Trimethylbenzene	10.539	105	2692892	183.96	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	2739984	185.87	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	1631687	197.46	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	1637969	193.58	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	1608680	193.63	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	252269	173.16	ug/L	98
69) 1,3,5-Trichlorobenzene	12.645	180	1420951	218.72	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	1307440	242.82	ug/L	99
71) Naphthalene	13.500	128	3632138	244.96	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	1253121	231.70	ug/L	99

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

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