

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020521\
 Data File : VW020269.D
 Acq On : 05 Feb 2021 10:44
 Operator : SY/MD
 Sample : VSTD05063
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05063

Quant Time: Feb 05 11:17:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 05 11:14:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	586005	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	570021	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	314134	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	220849	80.02	ug/L	0.00
7) Chloroethane-d5	1.569	69	182446	78.58	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.110	63	415446	76.06	ug/L	0.00
21) 2-Butanone-d5	3.888	46	256811	126.34	ug/L	0.00
24) Chloroform-d	4.354	84	386638	59.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.035	65	246925	62.03	ug/L	0.00
32) Benzene-d6	5.055	84	757495	60.25	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	224184	60.10	ug/L	0.00
41) Toluene-d8	7.318	98	729027	58.98	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	115336	58.69	ug/L	0.00
47) 2-Hexanone-d5	8.090	63	203508	124.44	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	330723	57.71	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.630	152	298122	51.13	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	267426	71.89	ug/L	99
3) Chloromethane	1.241	50	233098	76.64	ug/L	97
5) Vinyl chloride	1.312	62	255501	75.73	ug/L	99
6) Bromomethane	1.524	94	156102	68.91	ug/L	95
8) Chloroethane	1.585	64	162161	79.13	ug/L	97
9) Trichlorofluoromethane	1.753	101	356412	66.66	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	194090	61.39	ug/L	93
12) 1,1-Dichloroethene	2.119	96	184519	62.18	ug/L	90
13) Acetone	2.177	43	176667	128.89	ug/L	95
14) Carbon disulfide	2.296	76	545932	64.97	ug/L	99
15) Methyl Acetate	2.434	43	189577	65.77	ug/L #	90
16) Methylene chloride	2.508	84	200875	59.35	ug/L	89
17) trans-1,2-Dichloroethene	2.762	96	192605	57.97	ug/L	93
18) Methyl tert-butyl Ether	2.772	73	586844	59.67	ug/L	96
19) 1,1-Dichloroethane	3.193	63	349905	63.06	ug/L	99
20) cis-1,2-Dichloroethene	3.917	96	207451	57.07	ug/L	90
22) 2-Butanone	3.971	43	260107	132.62	ug/L	94
23) Bromochloromethane	4.251	128	112714	53.82	ug/L #	80
25) Chloroform	4.380	83	356470	58.35	ug/L	97
27) 1,2-Dichloroethane	5.135	62	289745	63.80	ug/L	98
29) Cyclohexane	4.682	56	298204	64.61	ug/L	90
30) 1,1,1-Trichloroethane	4.614	97	321588	57.21	ug/L	98
31) Carbon tetrachloride	4.833	117	275287	55.00	ug/L	98
33) Benzene	5.103	78	781242	60.09	ug/L	100
34) Trichloroethene	5.916	95	209596	56.91	ug/L	92
35) Methylcyclohexane	6.135	83	329505	60.99	ug/L	92
37) 1,2-Dichloropropane	6.177	63	199299	63.12	ug/L	98
38) Bromodichloromethane	6.514	83	270478	60.11	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	313309	60.92	ug/L	100
40) 4-Methyl-2-pentanone	7.228	43	518160	133.31	ug/L #	93
42) Toluene	7.392	91	864618	59.64	ug/L	98
44) trans-1,3-Dichloropropene	7.653	75	314521	62.19	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.842	97	200918	56.39	ug/L	97
46) Tetrachloroethene	7.981	164	174659	49.15	ug/L	94
48) 2-Hexanone	8.141	43	406744	134.67	ug/L #	91
49) Dibromochloromethane	8.251	129	227007	54.63	ug/L	99
50) 1,2-Dibromoethane	8.357	107	217340	56.57	ug/L #	99
51) Chlorobenzene	8.884	112	568009	54.63	ug/L	97
52) Ethylbenzene	9.016	91	968918	59.20	ug/L	99
53) m,p-Xylene	9.141	106	365355	56.74	ug/L	97
54) o-xylene	9.550	106	355308	56.67	ug/L	95
55) Styrene	9.566	104	630253	57.94	ug/L	95
56) Isopropylbenzene	9.936	105	969623	57.82	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.247	83	324339	59.29	ug/L	99
59) 1,2,3-Trichloropropane	10.280	75	270957	61.11	ug/L	100
61) Bromoform	9.736	173	164321	52.56	ug/L #	98
62) 1,3-Dichlorobenzene	11.186	146	476593	54.77	ug/L	97
63) 1,4-Dichlorobenzene	11.280	146	484843	53.78	ug/L	97
65) 1,2-Dichlorobenzene	11.649	146	473463	54.59	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.434	75	77388	65.78	ug/L	84
67) 1,3,5-Trichlorobenzene	12.652	180	369494	49.57	ug/L	97
68) 1,2,4-trichlorobenzene	13.270	180	334571	49.95	ug/L	97
69) Naphthalene	13.511	128	1019770	59.68	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	335507	50.50	ug/L	98

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

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