Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020521\
Data File : VV020271.D
Acq On : 05 Feb 2021 11:31
Operator : SY/MD
Sample : VSTD20065
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD20065

Quant Time: Feb 05 11:51:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 05 11:23:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.621	114	643274	50.00	ug/L		0.00
28) Chlorobenzene-d5	8.855	117	633754	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	356551	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.306	65	910464	300.51	ug/L		0.00
7) Chloroethane-d5	1.569	69	727810	285.57	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.106	63	1734365	289.28	ug/L		0.00
21) 2-Butanone-d5	3.888	46	1116686	500.45	ug/L		0.00
24) Chloroform-d	4.351	84	1652554	232.63	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.036	65	1048811	240.01	ug/L		0.00
32) Benzene-d6	5.052	84	3197042	228.73	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.074	67	978278	235.88	ug/L		0.00
41) Toluene-d8	7.318	98	3094215	225.16	ug/L		0.00
43) trans-1,3-Dichloroprop...	7.624	79	547660	250.67	ug/L		0.00
47) 2-Hexanone-d5	8.090	63	946772	520.72	ug/L		0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	1435883	225.35	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.633	152	1326948	200.49	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.129	85	1115426	273.17	ug/L		100
3) Chloromethane	1.242	50	986077	295.37	ug/L		98
5) Vinyl chloride	1.312	62	1074549	290.14	ug/L		100
6) Bromomethane	1.524	94	673740	270.92	ug/L		97
8) Chloroethane	1.586	64	661429	294.04	ug/L		99
9) Trichlorofluoromethane	1.750	101	1583398	269.79	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	790876	227.89	ug/L		93
12) 1,1-Dichloroethene	2.116	96	785443	241.10	ug/L		87
13) Acetone	2.184	43	723005	480.51	ug/L		95
14) Carbon disulfide	2.293	76	2360681	255.95	ug/L		99
15) Methyl Acetate	2.434	43	800996	253.15	ug/L	#	91
16) Methylene chloride	2.508	84	852434	229.42	ug/L		88
17) trans-1,2-Dichloroethene	2.759	96	826989	226.73	ug/L		94
18) Methyl tert-butyl Ether	2.769	73	2622951	242.97	ug/L		96
19) 1,1-Dichloroethane	3.190	63	1491053	244.80	ug/L		98
20) cis-1,2-Dichloroethene	3.913	96	917706	230.00	ug/L		89
22) 2-Butanone	3.971	43	1168642	542.82	ug/L		91
23) Bromochloromethane	4.251	128	486687	211.68	ug/L	#	81
25) Chloroform	4.376	83	1566524	233.58	ug/L		98
27) 1,2-Dichloroethane	5.132	62	1257171	252.16	ug/L		97
29) Cyclohexane	4.682	56	1294876	252.33	ug/L		90
30) 1,1,1-Trichloroethane	4.611	97	1409030	225.46	ug/L		97
31) Carbon tetrachloride	4.830	117	1229250	220.90	ug/L		99
33) Benzene	5.103	78	3331640	230.47	ug/L		100
34) Trichloroethene	5.917	95	907016	221.51	ug/L		93
35) Methylcyclohexane	6.135	83	1426564	237.51	ug/L		91
37) 1,2-Dichloropropane	6.177	63	865840	246.64	ug/L		98
38) Bromodichloromethane	6.511	83	1223190	244.51	ug/L		99
39) cis-1,3-Dichloropropene	7.029	75	1495094	261.47	ug/L		99
40) 4-Methyl-2-pentanone	7.232	43	2285538	528.87	ug/L	#	91
42) Toluene	7.392	91	3747403	232.51	ug/L		100
44) trans-1,3-Dichloropropene	7.653	75	1492231	265.37	ug/L		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	7.843	97	883016	222.91	ug/L		97
46) Tetrachloroethene	7.978	164	760526	192.50	ug/L		95
48) 2-Hexanone	8.145	43	1790864	533.30	ug/L	#	90
49) Dibromochloromethane	8.251	129	1057000	228.79	ug/L		98
50) 1,2-Dibromoethane	8.357	107	978785	229.13	ug/L	#	99
51) Chlorobenzene	8.884	112	2481314	214.65	ug/L		96
52) Ethylbenzene	9.016	91	4214957	231.63	ug/L		97
53) m,p-Xylene	9.142	106	1634259	228.28	ug/L		94
54) o-xylene	9.550	106	1592290	228.42	ug/L		94
55) Styrene	9.566	104	2794337	231.05	ug/L		96
56) Isopropylbenzene	9.936	105	4264975	228.75	ug/L		97
58) 1,1,2,2-Tetrachloroethane	10.248	83	1429317	234.99	ug/L		97
59) 1,2,3-Trichloropropane	10.280	75	1158761	235.06	ug/L		99
61) Bromoform	9.736	173	807074	227.45	ug/L	#	98
62) 1,3-Dichlorobenzene	11.186	146	2108814	213.53	ug/L		98
63) 1,4-Dichlorobenzene	11.280	146	2133134	208.48	ug/L		97
65) 1,2-Dichlorobenzene	11.649	146	2083786	211.67	ug/L		98
66) 1,2-Dibromo-3-chloropr...	12.434	75	364563	273.03	ug/L	#	78
67) 1,3,5-Trichlorobenzene	12.653	180	1691945	199.98	ug/L		97
68) 1,2,4-trichlorobenzene	13.270	180	1562784	205.58	ug/L		97
69) Naphthalene	13.511	128	4858209	250.50	ug/L		99
70) 1,2,3-Trichlorobenzene	13.752	180	1536310	203.74	ug/L		98

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

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