Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060820\
Data File : VV016649.D
Acq On : 08 Jun 2020 10:39
Operator : SY/MD
Sample : VSTD01064
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD01064

Quant Time: Jun 09 00:29:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 09 00:27:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	411452	50.00	ug/L		0.00
28) Chlorobenzene-d5	8.87	117	383018	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	188916	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	27760	9.40	ug/L		0.00
7) Chloroethane-d5	1.57	69	14102	6.85	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.12	63	47129	9.09	ug/L		0.00
21) 2-Butanone-d5	3.91	46	38959	19.76	ug/L		0.01
24) Chloroform-d	4.38	84	56422	10.01	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.06	65	38058	10.06	ug/L		0.00
32) Benzene-d6	5.07	84	105480	10.02	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.09	67	32694	9.92	ug/L		0.00
41) Toluene-d8	7.34	98	96637	10.08	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.64	79	16126	10.00	ug/L		0.00
47) 2-Hexanone-d5	8.11	63	25133	17.59	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	42661	9.58	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	38761	10.44	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	33640	9.661	ug/L		99
3) Chloromethane	1.25	50	30389	9.218	ug/L		94
5) Vinyl chloride	1.32	62	29480	9.137	ug/L		100
6) Bromomethane	1.52	94	11274	7.098	ug/L		98
8) Chloroethane	1.59	64	13715	7.787	ug/L		95
9) Trichlorofluoromethane	1.76	101	43427	9.290	ug/L		97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	22333	9.265	ug/L		98
12) 1,1-Dichloroethene	2.13	96	21027	9.144	ug/L		96
13) Acetone	2.18	43	27525	15.923	ug/L		97
14) Carbon disulfide	2.31	76	69773	8.688	ug/L		100
15) Methyl Acetate	2.44	43	31440	9.559	ug/L		99
16) Methylene chloride	2.52	84	29696	9.033	ug/L		97
17) trans-1,2-Dichloroethene	2.78	96	27910	9.494	ug/L		99
18) Methyl tert-butyl Ether	2.78	73	89931	9.706	ug/L		99
19) 1,1-Dichloroethane	3.21	63	52276	9.537	ug/L		99
20) cis-1,2-Dichloroethene	3.94	96	30105	9.450	ug/L		92
22) 2-Butanone	3.99	43	40819	18.214	ug/L		96
23) Bromochloromethane	4.27	128	15786	9.605	ug/L		94
25) Chloroform	4.40	83	54274	9.494	ug/L		98
27) 1,2-Dichloroethane	5.15	62	45726	9.785	ug/L		96
29) Cyclohexane	4.70	56	46886	9.946	ug/L		99
30) 1,1,1-Trichloroethane	4.63	97	48277	9.975	ug/L		99
31) Carbon tetrachloride	4.85	117	42146	10.064	ug/L		98
33) Benzene	5.12	78	115549	9.986	ug/L		100
34) Trichloroethene	5.94	95	30740	10.076	ug/L		97
35) Methylcyclohexane	6.15	83	47851	10.765	ug/L		99
37) 1,2-Dichloropropane	6.20	63	28681	9.511	ug/L	#	97
38) Bromodichloromethane	6.53	83	38436	9.825	ug/L		97
39) cis-1,3-Dichloropropene	7.05	75	44040	9.899	ug/L		98
40) 4-Methyl-2-pentanone	7.25	43	80649	19.170	ug/L		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) Toluene	7.41	91	122114	9.975 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	41012	9.362 ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	29401	10.093 ug/L	96
46) Tetrachloroethene	8.00	164	23532	9.972 ug/L	95
48) 2-Hexanone	8.16	43	60824	18.618 ug/L	97
49) Dibromochloromethane	8.27	129	28904	9.967 ug/L	97
50) 1,2-Dibromoethane	8.37	107	29791	9.679 ug/L	99
51) Chlorobenzene	8.90	112	80552	10.014 ug/L	96
52) Ethylbenzene	9.04	91	132360	9.860 ug/L	99
53) m,p-Xylene	9.16	106	47985	9.499 ug/L	100
54) o-xylene	9.57	106	49952	10.216 ug/L	96
55) Styrene	9.58	104	80725	9.484 ug/L	98
56) Isopropylbenzene	9.95	105	131088	10.221 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	43546	9.365 ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	35865	9.483 ug/L	98
61) Bromoform	9.76	173	17332	10.034 ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	60127	9.900 ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	63370	10.098 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	60567	9.881 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	8473	8.972 ug/L	91
67) 1,3,5-Trichlorobenzene	12.67	180	43639	10.474 ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	38604	9.976 ug/L	98
69) Naphthalene	13.53	128	107819	9.124 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	37410	10.075 ug/L	96

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

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