Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092120\
Data File : VX018511.D
Acq On : 21 Sep 2020 13:09
Operator : JC/SP
Sample : VSTD10034
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD100404

Manual Integrations APPROVED
MMDadoda
10/6/2020 1:12:58 PM

Quant Time: Sep 22 01:25:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM092120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 22 00:58:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	665599	50.00	ug/L		0.00
28) Chlorobenzene-d5	10.10	117	633512	50.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	324384	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	453737	99.74	ug/L		0.00
7) Chloroethane-d5	1.69	69	338161	99.58	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.34	63	920105	98.15	ug/L		0.00
21) 2-Butanone-d5	4.53	46	630868	201.96	ug/L		0.00
24) Chloroform-d	5.15	84	886975	99.28	ug/L		0.00
26) 1,2-Dichloroethane-d4	6.03	65	624883	95.45	ug/L		0.00
32) Benzene-d6	6.05	84	1688358	96.96	ug/L		0.00
36) 1,2-Dichloropropane-d6	7.37	67	529083	98.69	ug/L		0.00
41) Toluene-d8	8.70	98	1658888	99.39	ug/L		0.00
43) trans-1,3-Dichloropropene-	8.99	79	308504	98.87	ug/L		0.00
47) 2-Hexanone-d5	9.43	63	471225	199.28	ug/L		0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	719641	100.51	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	668150	103.69	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.18	85	578301	101.057	ug/L		98
3) Chloromethane	1.31	50	440004	101.998	ug/L		100
5) Vinyl chloride	1.39	62	493618	101.059	ug/L		99
6) Bromomethane	1.63	94	287544	112.696	ug/L		91
8) Chloroethane	1.71	64	279234	95.828	ug/L		99
9) Trichlorofluoromethane	1.92	101	811093	97.925	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	438829	97.046	ug/L		100
12) 1,1-Dichloroethene	2.36	96	423745	99.383	ug/L		94
13) Acetone	2.42	43	429950	201.100	ug/L		99
14) Carbon disulfide	2.55	76	1287643	98.465	ug/L		100
15) Methyl Acetate	2.75	43	479276	102.811	ug/L	#	90
16) Methylene chloride	2.84	84	450918	97.987	ug/L		98
17) trans-1,2-Dichloroethene	3.14	96	437407	98.627	ug/L		91
18) Methyl tert-butyl Ether	3.17	73	1469304	99.920	ug/L		100
19) 1,1-Dichloroethane	3.67	63	825421	99.060	ug/L		100
20) cis-1,2-Dichloroethene	4.57	96	488188m	101.651	ug/L		
22) 2-Butanone	4.64	43	691379	205.318	ug/L		100
23) Bromochloromethane	4.98	128	261855	96.293	ug/L		96
25) Chloroform	5.18	83	907068	96.779	ug/L		98
27) 1,2-Dichloroethane	6.16	62	739122	97.897	ug/L		99
29) Cyclohexane	5.55	56	731259	102.131	ug/L		99
30) 1,1,1-Trichloroethane	5.46	97	848717	98.617	ug/L		99
31) Carbon tetrachloride	5.76	117	788528	100.115	ug/L		100
33) Benzene	6.12	78	1806431	98.738	ug/L		100
34) Trichloroethene	7.19	95	500672	100.275	ug/L		99
35) Methylcyclohexane	7.44	83	743383	99.093	ug/L		99
37) 1,2-Dichloropropane	7.49	63	478447	101.025	ug/L		100
38) Bromodichloromethane	7.88	83	694735	100.887	ug/L		96
39) cis-1,3-Dichloropropene	8.42	75	793508	100.960	ug/L		100
40) 4-Methyl-2-pentanone	8.62	43	1340472	203.315	ug/L		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.77	91	1984898	98.853	ug/L	97
44) trans-1,3-Dichloropropene	9.02	75	816642	103.032	ug/L	95
45) 1,1,2-Trichloroethane	9.20	97	462421	97.580	ug/L	98
46) Tetrachloroethene	9.32	164	418156	100.611	ug/L	97
48) 2-Hexanone	9.48	43	1055932	205.998	ug/L	98
49) Dibromochloromethane	9.57	129	594400	100.744	ug/L	99
50) 1,2-Dibromoethane	9.65	107	513652	100.156	ug/L	99
51) Chlorobenzene	10.12	112	1312150	98.751	ug/L	99
52) Ethylbenzene	10.24	91	2262952	101.858	ug/L	98
53) m,p-Xylene	10.34	106	862813	99.581	ug/L	99
54) o-Xylene	10.68	106	829981	98.923	ug/L	100
55) Styrene	10.70	104	1452215	101.370	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	713458	99.378	ug/L	100
59) Bromoform	10.84	173	463282	106.039	ug/L	98
60) Isopropylbenzene	11.01	105	2229134	103.516	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	601717	104.751	ug/L	98
62) 1,3,5-Trimethylbenzene	11.49	105	1928424	107.997	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	1960431	106.905	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	1078521	104.885	ug/L	99
65) 1,4-Dichlorobenzene	12.08	146	1096720	105.174	ug/L	95
67) 1,2-Dichlorobenzene	12.38	146	1050043	105.402	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.98	75	188607	109.902	ug/L	92
69) 1,3,5-Trichlorobenzene	13.15	180	736306	111.015	ug/L	95
70) 1,2,4-trichlorobenzene	13.63	180	673218	111.191	ug/L	99
71) Naphthalene	13.82	128	2270491	110.443	ug/L	99
72) 1,2,3-Trichlorobenzene	14.01	180	677076	104.962	ug/L	99

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

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