Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092120\
Data File : VX018518.D
Acq On : 21 Sep 2020 18:05
Operator : JC/SP
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD050408

Manual Integrations APPROVED
MMDadoda
10/6/2020 1:13:24 PM

Quant Time: Sep 22 02:25:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM092120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 22 02:17:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	645767	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	613989	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	322416	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	213362	49.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.46%			
7) Chloroethane-d5	1.70	69	159272	49.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.26%			
11) 1,1-Dichloroethene-d2	2.35	63	437460	50.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.28%			
21) 2-Butanone-d5	4.54	46	281204	98.76	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.76%			
24) Chloroform-d	5.14	84	432166	52.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.24%			
26) 1,2-Dichloroethane-d4	6.03	65	299257	48.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.82%			
32) Benzene-d6	6.05	84	816836	51.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.60%			
36) 1,2-Dichloropropane-d6	7.37	67	256787	51.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.58%			
41) Toluene-d8	8.70	98	789125	50.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.34%			
43) trans-1,3-Dichloropropene-	8.99	79	142290	49.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.92%			
47) 2-Hexanone-d5	9.43	63	206992	100.46	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.46%			
56) 1,1,2,2-Tetrachloroethane-	11.23	84	336140	50.64	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.28%			
66) 1,2-Dichlorobenzene-d4	12.36	152	317565	51.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	267656	48.133	ug/L	100
3) Chloromethane	1.31	50	211741	49.877	ug/L	100
5) Vinyl chloride	1.39	62	228574	48.413	ug/L	99
6) Bromomethane	1.64	94	130462	51.849	ug/L	96
8) Chloroethane	1.71	64	128292	46.251	ug/L	98
9) Trichlorofluoromethane	1.92	101	387012	48.532	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	210015	48.443	ug/L	99
12) 1,1-Dichloroethene	2.36	96	200459	49.280	ug/L	84
13) Acetone	2.43	43	177889	84.938	ug/L	99
14) Carbon disulfide	2.56	76	601506	48.629	ug/L	99
15) Methyl Acetate	2.75	43	207652	46.723	ug/L #	90
16) Methylene chloride	2.84	84	212056	47.583	ug/L	99
17) trans-1,2-Dichloroethene	3.15	96	207617	48.504	ug/L	97
18) Methyl tert-butyl Ether	3.17	73	675680	49.000	ug/L	99
19) 1,1-Dichloroethane	3.67	63	388364	48.801	ug/L	100
20) cis-1,2-Dichloroethene	4.56	96	223918m	47.837	ug/L	
22) 2-Butanone	4.64	43	286516	90.100	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.98	128	125402m	48.687 ug/L	
25) Chloroform	5.18	83	424509	47.715 ug/L	99
27) 1,2-Dichloroethane	6.17	62	340758	47.856 ug/L	99
29) Cyclohexane	5.56	56	335198	49.758 ug/L	99
30) 1,1,1-Trichloroethane	5.46	97	398808	48.339 ug/L	99
31) Carbon tetrachloride	5.76	117	369191	49.539 ug/L	99
33) Benzene	6.11	78	855312	49.660 ug/L	100
34) Trichloroethene	7.19	95	234797	48.858 ug/L	96
35) Methylcyclohexane	7.45	83	345040	49.405 ug/L	98
37) 1,2-Dichloropropane	7.49	63	223140	49.092 ug/L	100
38) Bromodichloromethane	7.88	83	319704	48.986 ug/L	100
39) cis-1,3-Dichloropropene	8.41	75	355843	48.498 ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	580579	96.302 ug/L	99
42) Toluene	8.77	91	930677	50.298 ug/L	97
44) trans-1,3-Dichloropropene	9.02	75	372770	49.923 ug/L	98
45) 1,1,2-Trichloroethane	9.20	97	217252	49.342 ug/L	99
46) Tetrachloroethene	9.32	164	192574	48.691 ug/L	97
48) 2-Hexanone	9.48	43	442671	93.222 ug/L	99
49) Dibromochloromethane	9.57	129	270705	48.793 ug/L	91
50) 1,2-Dibromoethane	9.65	107	235507	48.634 ug/L	97
51) Chlorobenzene	10.12	112	610096	49.093 ug/L	98
52) Ethylbenzene	10.24	91	1033596	50.147 ug/L	98
53) m,p-Xylene	10.34	106	393413	50.113 ug/L	95
54) o-Xylene	10.68	106	388491	51.379 ug/L	99
55) Styrene	10.70	104	671872	51.612 ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	324578	48.174 ug/L	95
59) Bromoform	10.84	173	198805	46.765 ug/L	99
60) Isopropylbenzene	11.00	105	1046717	50.745 ug/L	98
61) 1,2,3-Trichloropropane	11.28	75	261350	44.934 ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	860759	50.547 ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	879394	50.699 ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	494972	48.583 ug/L	96
65) 1,4-Dichlorobenzene	12.08	146	487961	47.424 ug/L	89
67) 1,2-Dichlorobenzene	12.38	146	479982	48.929 ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.98	75	78846	46.216 ug/L	98
69) 1,3,5-Trichlorobenzene	13.15	180	345865	51.177 ug/L	91
70) 1,2,4-trichlorobenzene	13.63	180	308309	49.702 ug/L	95
71) Naphthalene	13.82	128	977219	50.472 ug/L	100
72) 1,2,3-Trichlorobenzene	14.00	180	317358	51.043 ug/L	100

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

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