Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092120\
Data File : VX018513.D
Acq On : 21 Sep 2020 14:19
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VICV406

Manual Integrations APPROVED
MMDadoda
10/6/2020 1:13:03 PM

Quant Time: Sep 22 01:59:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM092120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 22 01:45:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	707452	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	660853	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	362657	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	227565	48.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.84%			
7) Chloroethane-d5	1.70	69	169238	47.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.32%			
11) 1,1-Dichloroethene-d2	2.34	63	477170	49.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.86%			
21) 2-Butanone-d5	4.53	46	301778	96.75	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.75%			
24) Chloroform-d	5.14	84	451282	50.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.30%			
26) 1,2-Dichloroethane-d4	6.03	65	317619	46.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.80%			
32) Benzene-d6	6.05	84	864166	50.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.84%			
36) 1,2-Dichloropropane-d6	7.37	67	277781	52.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.10%			
41) Toluene-d8	8.70	98	833500	49.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.44%			
43) trans-1,3-Dichloropropene-	8.99	79	150341	49.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.10%			
47) 2-Hexanone-d5	9.43	63	227332	102.50	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.50%			
56) 1,1,2,2-Tetrachloroethane-	11.23	84	351476	49.19	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.38%			
66) 1,2-Dichlorobenzene-d4	12.36	152	336615	48.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	300125	49.266	ug/L	100
3) Chloromethane	1.31	50	238800	51.347	ug/L	99
5) Vinyl chloride	1.39	62	254625	49.228	ug/L	99
6) Bromomethane	1.64	94	145425	52.756	ug/L	95
8) Chloroethane	1.72	64	146292	48.142	ug/L	95
9) Trichlorofluoromethane	1.92	101	428218	49.017	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	239328	50.391	ug/L	99
12) 1,1-Dichloroethene	2.36	96	217759	48.865	ug/L	95
13) Acetone	2.42	43	241367	105.198	ug/L	96
14) Carbon disulfide	2.55	76	679290	50.129	ug/L	99
15) Methyl Acetate	2.75	43	231776	47.604	ug/L #	90
16) Methylene chloride	2.84	84	240899	49.342	ug/L	97
17) trans-1,2-Dichloroethene	3.14	96	231637	49.397	ug/L	97
18) Methyl tert-butyl Ether	3.17	73	750642	49.690	ug/L	99
19) 1,1-Dichloroethane	3.67	63	433690	49.745	ug/L	100
20) cis-1,2-Dichloroethene	4.56	96	251589m	49.062	ug/L	
22) 2-Butanone	4.63	43	352396	101.155	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	141476	50.139	ug/L	97
25) Chloroform	5.18	83	483366	49.593	ug/L	98
27) 1,2-Dichloroethane	6.16	62	383005	49.099	ug/L	98
29) Cyclohexane	5.55	56	380466	52.472	ug/L	99
30) 1,1,1-Trichloroethane	5.46	97	440259	49.579	ug/L	100
31) Carbon tetrachloride	5.76	117	408422	50.917	ug/L	99
33) Benzene	6.12	78	939642	50.688	ug/L	100
34) Trichloroethene	7.19	95	260076	50.280	ug/L	97
35) Methylcyclohexane	7.44	83	394160	52.436	ug/L	98
37) 1,2-Dichloropropane	7.49	63	249675	51.034	ug/L	99
38) Bromodichloromethane	7.87	83	353722	50.355	ug/L	99
39) cis-1,3-Dichloropropene	8.42	75	402279	50.939	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	650755	100.288	ug/L	100
42) Toluene	8.76	91	1029860	51.712	ug/L	97
44) trans-1,3-Dichloropropene	9.02	75	417857	51.993	ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	233584	49.290	ug/L	98
46) Tetrachloroethene	9.32	164	220508	51.801	ug/L	97
48) 2-Hexanone	9.47	43	534625	104.602	ug/L	99
49) Dibromochloromethane	9.57	129	298179	49.934	ug/L	97
50) 1,2-Dibromoethane	9.65	107	266320	51.097	ug/L	95
51) Chlorobenzene	10.12	112	676721	50.592	ug/L	96
52) Ethylbenzene	10.24	91	1158823	52.235	ug/L	99
53) m,p-Xylene	10.34	106	441200	52.214	ug/L	100
54) o-Xylene	10.68	106	421073	51.739	ug/L	94
55) Styrene	10.70	104	742076	52.962	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	359941	49.634	ug/L	99
59) Bromoform	10.84	173	223638	46.770	ug/L	99
60) Isopropylbenzene	11.00	105	1152687	49.682	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	295373	45.149	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	994951	51.944	ug/L	98
63) 1,2,4-Trimethylbenzene	11.79	105	971585	49.798	ug/L	98
64) 1,3-Dichlorobenzene	12.01	146	556136	48.530	ug/L	99
65) 1,4-Dichlorobenzene	12.08	146	561425	48.509	ug/L	94
67) 1,2-Dichlorobenzene	12.37	146	538131	48.769	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.98	75	90859	47.347	ug/L	94
69) 1,3,5-Trichlorobenzene	13.15	180	403045	53.021	ug/L	91
70) 1,2,4-trichlorobenzene	13.63	180	352675	50.545	ug/L	99
71) Naphthalene	13.82	128	1104570	50.719	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	342497	48.974	ug/L	97

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

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