Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031320\
Data File : VV014932.D
Acq On : 14 Mar 2020 02:46
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05091

Manual Integrations APPROVED
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3/16/2020 12:29:23 PM

Quant Time: Mar 16 04:15:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 16 01:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	385235	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	382680	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	205192	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	93903	36.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.04%			
7) Chloroethane-d5	1.58	69	75861	36.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 73.62%			
11) 1,1-Dichloroethene-d2	2.12	63	163076	37.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.28%			
21) 2-Butanone-d5	3.94	46	145970	75.07	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 75.07%			
24) Chloroform-d	4.38	84	233955	47.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.78%			
26) 1,2-Dichloroethane-d4	5.06	65	150036	44.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.50%			
32) Benzene-d6	5.08	84	453119	44.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.68%			
36) 1,2-Dichloropropane-d6	6.10	67	138915	41.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 82.96%			
41) Toluene-d8	7.34	98	447377	45.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.42%			
43) trans-1,3-Dichloropropene-	7.64	79	69800	42.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.38%			
47) 2-Hexanone-d5	8.12	63	139143	93.58	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.58%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	207065	44.95	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.90%			
64) 1,2-Dichlorobenzene-d4	11.65	152	196246	48.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	166346	43.691	ug/L	99
3) Chloromethane	1.25	50	119745	35.709	ug/L	98
5) Vinyl chloride	1.32	62	118363	38.089	ug/L	99
6) Bromomethane	1.53	94	71599	37.124	ug/L	99
8) Chloroethane	1.60	64	64121	38.386	ug/L	99
9) Trichlorofluoromethane	1.76	101	188419	45.345	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	90072	42.107	ug/L	96
12) 1,1-Dichloroethene	2.13	96	86016	41.102	ug/L	95
13) Acetone	2.21	43	96869m	59.671	ug/L	
14) Carbon disulfide	2.31	76	269929	39.013	ug/L	100
15) Methyl Acetate	2.46	43	108590	35.605	ug/L	97
16) Methylene chloride	2.52	84	132641	46.669	ug/L	90
17) trans-1,2-Dichloroethene	2.78	96	119065	46.055	ug/L	94
18) Methyl tert-butyl Ether	2.79	73	396206	46.811	ug/L	96
19) 1,1-Dichloroethane	3.21	63	220757	43.718	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	137968	47.715	ug/L	89
22) 2-Butanone	4.02	43	138418	64.636	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	72037	48.936 ug/L #	87
25) Chloroform	4.41	83	244333	46.707 ug/L	100
27) 1,2-Dichloroethane	5.16	62	183680	45.304 ug/L	97
29) Cyclohexane	4.70	56	187523	40.218 ug/L	86
30) 1,1,1-Trichloroethane	4.64	97	218239	49.189 ug/L	97
31) Carbon tetrachloride	4.85	117	189732	50.353 ug/L	98
33) Benzene	5.13	78	502719	45.346 ug/L	100
34) Trichloroethene	5.94	95	130103	44.906 ug/L	93
35) Methylcyclohexane	6.15	83	204629	42.786 ug/L	93
37) 1,2-Dichloropropane	6.20	63	123912	41.361 ug/L #	95
38) Bromodichloromethane	6.53	83	177822	46.661 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	202266	43.074 ug/L	95
40) 4-Methyl-2-pentanone	7.26	43	354005	81.541 ug/L #	93
42) Toluene	7.41	91	566112	46.286 ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	180796	42.235 ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	133580	48.414 ug/L	95
46) Tetrachloroethene	8.00	164	118682	50.067 ug/L	96
48) 2-Hexanone	8.17	43	270651	79.265 ug/L #	92
49) Dibromochloromethane	8.27	129	145321	48.323 ug/L	97
50) 1,2-Dibromoethane	8.38	107	143410	48.084 ug/L	99
51) Chlorobenzene	8.90	112	381728	48.507 ug/L	96
52) Ethylbenzene	9.03	91	645047	46.813 ug/L	99
53) m,p-Xylene	9.16	106	250513	48.445 ug/L	94
54) o-xylene	9.57	106	246679	48.563 ug/L	96
55) Styrene	9.58	104	420638	48.427 ug/L	98
56) Isopropylbenzene	9.95	105	650662	47.827 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.26	83	216117	45.475 ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	172878	45.185 ug/L	99
61) Bromoform	9.75	173	104220	46.818 ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	316667	47.724 ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	320725	47.976 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	322289	48.787 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	49201	43.883 ug/L	83
67) 1,3,5-Trichlorobenzene	12.67	180	241023	46.967 ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	217432	46.098 ug/L	99
69) Naphthalene	13.52	128	318374	44.836 ug/L	99
70) 1,2,3-Trichlorobenzene	13.76	180	229402	48.794 ug/L	100

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

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