Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV033020\
Data File : VV015270.D
Acq On : 30 Mar 2020 13:37
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV02

Manual Integrations APPROVED
MMDadoda
3/31/2020 4:20:34 PM

Quant Time: Mar 31 02:10:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 30 14:04:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	694638	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	683488	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	323111	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	233801	46.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.32%			
7) Chloroethane-d5	1.58	69	223840	47.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.98%			
11) 1,1-Dichloroethene-d2	2.12	63	498687	45.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.32%			
21) 2-Butanone-d5	3.93	46	307448	92.82	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.82%			
24) Chloroform-d	4.37	84	423297	46.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.98%			
26) 1,2-Dichloroethane-d4	5.05	65	276546	46.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.94%			
32) Benzene-d6	5.07	84	823526	46.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.32%			
36) 1,2-Dichloropropane-d6	6.09	67	254204	45.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.12%			
41) Toluene-d8	7.33	98	793752	45.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.96%			
43) trans-1,3-Dichloropropene-	7.64	79	141607	46.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.22%			
47) 2-Hexanone-d5	8.11	63	234998	89.78	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.78%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	384486	46.69	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.38%			
64) 1,2-Dichlorobenzene-d4	11.65	152	288379	44.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	205841	42.121	ug/L	99
3) Chloromethane	1.25	50	260580	46.954	ug/L	99
5) Vinyl chloride	1.32	62	269040	45.952	ug/L	99
6) Bromomethane	1.53	94	186972	47.738	ug/L	93
8) Chloroethane	1.60	64	183947	45.561	ug/L	98
9) Trichlorofluoromethane	1.76	101	418574	42.294	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	221833	41.801	ug/L	99
12) 1,1-Dichloroethene	2.13	96	230870	44.938	ug/L	97
13) Acetone	2.22	43	191527	84.738	ug/L	95
14) Carbon disulfide	2.30	76	555212	44.410	ug/L	100
15) Methyl Acetate	2.46	43	217585	47.942	ug/L	100
16) Methylene chloride	2.52	84	226630	47.151	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	199456	46.330	ug/L	98
18) Methyl tert-butyl Ether	2.79	73	726510	49.563	ug/L	100
19) 1,1-Dichloroethane	3.21	63	380371	47.389	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	230500	47.629	ug/L #	100
22) 2-Butanone	4.01	43	330072m	100.178	ug/L	

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	113649	47.705 ug/L	97
25) Chloroform	4.40	83	408559	47.673 ug/L	98
27) 1,2-Dichloroethane	5.15	62	326823	47.948 ug/L	100
29) Cyclohexane	4.70	56	295461	40.753 ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	354538	45.749 ug/L	100
31) Carbon tetrachloride	4.85	117	285231	43.447 ug/L	100
33) Benzene	5.12	78	852066	47.091 ug/L	100
34) Trichloroethene	5.94	95	221061	45.542 ug/L	98
35) Methylcyclohexane	6.15	83	314884	41.359 ug/L	99
37) 1,2-Dichloropropane	6.20	63	219616	47.718 ug/L	99
38) Bromodichloromethane	6.53	83	319867	48.330 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	371118	47.747 ug/L	95
40) 4-Methyl-2-pentanone	7.25	43	660386	96.504 ug/L	98
42) Toluene	7.41	91	944713	46.510 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	365814	47.899 ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	227707	49.112 ug/L	98
46) Tetrachloroethene	7.99	164	138152	43.012 ug/L	95
48) 2-Hexanone	8.16	43	501212	95.476 ug/L	99
49) Dibromochloromethane	8.27	129	246670	48.679 ug/L	98
50) 1,2-Dibromoethane	8.37	107	243123	48.261 ug/L	98
51) Chlorobenzene	8.90	112	617781	46.732 ug/L	99
52) Ethylbenzene	9.03	91	1048659	45.782 ug/L	98
53) m,p-Xylene	9.16	106	404167	46.261 ug/L	100
54) o-xylene	9.56	106	405724	46.682 ug/L	97
55) Styrene	9.58	104	701631	47.308 ug/L	99
56) Isopropylbenzene	9.95	105	1016566	44.433 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	370689	48.174 ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	301570	47.359 ug/L	96
61) Bromoform	9.75	173	160409	49.780 ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	451166	45.784 ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	452070	44.945 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	463441	46.604 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	101179	46.244 ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	285332	45.367 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	276057	46.195 ug/L	99
69) Naphthalene	13.53	128	1121174	47.066 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	279357	46.579 ug/L	100

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

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