Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100620\
Data File : VV018690.D
Acq On : 06 Oct 2020 13:45
Operator : SY/MD
Sample : MDL04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Manual Integrations APPROVED
MMDadoda
10/12/2020 2:00:55 PM

Quant Time: Oct 07 06:36:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM092320W.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 07 05:40:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	227676	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	246197	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	108138	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	79359	56.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 112.36%			
7) Chloroethane-d5	1.58	69	67875	55.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.64%			
11) 1,1-Dichloroethene-d2	2.12	63	125558	42.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.78%			
21) 2-Butanone-d5	3.91	46	92833	91.67	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.67%			
24) Chloroform-d	4.38	84	144708	48.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.70%			
26) 1,2-Dichloroethane-d4	5.06	65	101857	54.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.58%			
32) Benzene-d6	5.08	84	283254	46.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.36%			
36) 1,2-Dichloropropane-d6	6.09	67	88999	44.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.04%			
41) Toluene-d8	7.34	98	255378	45.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.00%			
43) trans-1,3-Dichloropropene-	7.64	79	43341	43.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.42%			
47) 2-Hexanone-d5	8.11	63	46722	63.50	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 63.50%			
56) 1,1,2,2-Tetrachloroethane-	10.24	84	101919	39.70	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 79.40%			
66) 1,2-Dichlorobenzene-d4	11.65	152	104669	51.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3720	2.214	ug/L	94
3) Chloromethane	1.25	50	4591	2.463	ug/L	97
5) Vinyl chloride	1.32	62	5484	2.875	ug/L #	70
6) Bromomethane	1.53	94	3569	2.945	ug/L	97
8) Chloroethane	1.60	64	3433	2.793	ug/L	99
9) Trichlorofluoromethane	1.77	101	7729	2.850	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5477	3.294	ug/L #	83
12) 1,1-Dichloroethene	2.14	96	4879	3.086	ug/L #	1
13) Acetone	2.20	43	5644	4.406	ug/L	89
14) Carbon disulfide	2.31	76	12958	2.887	ug/L	97
15) Methyl Acetate	2.46	43	4567	2.702	ug/L	98
16) Methylene chloride	2.52	84	6231	3.481	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	4648	2.904	ug/L	96
18) Methyl tert-butyl Ether	2.79	73	13074	2.628	ug/L	97
19) 1,1-Dichloroethane	3.21	63	7263	2.338	ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	4347	2.519	ug/L	91
22) 2-Butanone	4.04	43	5387m	4.237	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.29	128	2248	2.433 ug/L		70
25) Chloroform	4.41	83	10139	3.228 ug/L		85
27) 1,2-Dichloroethane	5.16	62	6010	2.469 ug/L		99
29) Cyclohexane	4.70	56	5546	1.936 ug/L	#	52
30) 1,1,1-Trichloroethane	4.64	97	6901	2.279 ug/L		95
31) Carbon tetrachloride	4.86	117	6099	2.310 ug/L		99
33) Benzene	5.13	78	15127	2.052 ug/L		100
34) Trichloroethene	5.94	95	5857	2.889 ug/L		99
35) Methylcyclohexane	6.15	83	5148	1.749 ug/L		96
37) 1,2-Dichloropropane	6.21	63	4297	2.204 ug/L	#	95
38) Bromodichloromethane	6.54	83	5486	2.150 ug/L	#	98
39) cis-1,3-Dichloropropene	7.06	75	5456	1.865 ug/L		99
40) 4-Methyl-2-pentanone	7.25	43	8664	3.744 ug/L		98
42) Toluene	7.41	91	16624	2.149 ug/L		96
44) trans-1,3-Dichloropropene	7.68	75	6676	2.302 ug/L		88
45) 1,1,2-Trichloroethane	7.86	97	3904	2.126 ug/L		95
46) Tetrachloroethene	8.00	164	3387	2.134 ug/L		97
48) 2-Hexanone	8.16	43	15924	8.120 ug/L		97
49) Dibromochloromethane	8.27	129	4070	1.991 ug/L		91
50) 1,2-Dibromoethane	8.38	107	4384	2.294 ug/L	#	87
51) Chlorobenzene	8.90	112	12663	2.450 ug/L		98
52) Ethylbenzene	9.04	91	18930	2.224 ug/L		96
53) m,p-Xylene	9.16	106	6571	2.067 ug/L		95
54) o-Xylene	9.57	106	6706	2.190 ug/L		94
55) Styrene	9.59	104	10700	1.997 ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.26	83	5840	2.182 ug/L	#	96
59) Bromoform	9.75	173	2918	2.414 ug/L	#	36
60) Isopropylbenzene	9.95	105	16234	2.436 ug/L		96
61) 1,2,3-Trichloropropane	10.30	75	5123	2.730 ug/L		96
62) 1,3,5-Trimethylbenzene	10.56	105	10596	1.964 ug/L		96
63) 1,2,4-Trimethylbenzene	10.94	105	10806	1.951 ug/L		98
64) 1,3-Dichlorobenzene	11.21	146	7998	2.361 ug/L		95
65) 1,4-Dichlorobenzene	11.30	146	9324	2.626 ug/L		96
67) 1,2-Dichlorobenzene	11.67	146	9136	2.682 ug/L	#	93
68) 1,2-Dibromo-3-chloropropan	12.45	75	1004	2.118 ug/L		95
69) 1,3,5-Trichlorobenzene	12.67	180	5104	1.932 ug/L		99
70) 1,2,4-trichlorobenzene	13.29	180	3984	1.683 ug/L		94
71) Naphthalene	13.53	128	9729	1.585 ug/L		99
72) 1,2,3-Trichlorobenzene	13.77	180	4118	1.731 ug/L		96

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

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