Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040220\
Data File : VV015393.D
Acq On : 03 Apr 2020 00:30
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05093

Manual Integrations APPROVED
apatel
4/7/2020 8:20:01 AM

Quant Time: Apr 03 06:39:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 03 05:25:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	677501	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	669867	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	325886	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	230334	37.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.84%			
7) Chloroethane-d5	1.58	69	207004	39.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.78%			
11) 1,1-Dichloroethene-d2	2.12	63	469916	43.28	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.56%			
21) 2-Butanone-d5	3.94	46	310386	96.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.13%			
24) Chloroform-d	4.38	84	434050	43.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.56%			
26) 1,2-Dichloroethane-d4	5.06	65	270433	43.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.58%			
32) Benzene-d6	5.08	84	851523	41.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.56%			
36) 1,2-Dichloropropane-d6	6.09	67	257936	42.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 84.82%			
41) Toluene-d8	7.34	98	825987	41.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.74%			
43) trans-1,3-Dichloropropene-	7.64	79	131537	39.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.28%			
47) 2-Hexanone-d5	8.11	63	242252	87.21	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.21%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	383807	44.35	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.70%			
64) 1,2-Dichlorobenzene-d4	11.65	152	322752	43.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	288730	47.126	ug/L	100
3) Chloromethane	1.25	50	261984	45.373	ug/L	100
5) Vinyl chloride	1.32	62	273787	45.269	ug/L	98
6) Bromomethane	1.53	94	185052	46.286	ug/L	100
8) Chloroethane	1.60	64	169519	40.801	ug/L	100
9) Trichlorofluoromethane	1.76	101	464483	40.620	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	249457	48.819	ug/L	98
12) 1,1-Dichloroethene	2.13	96	242292	49.966	ug/L	95
13) Acetone	2.21	43	200458m	94.584	ug/L	
14) Carbon disulfide	2.31	76	614228	45.800	ug/L	100
15) Methyl Acetate	2.46	43	230482	49.656	ug/L	98
16) Methylene chloride	2.52	84	246995	48.165	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	226629	48.959	ug/L	97
18) Methyl tert-butyl Ether	2.79	73	748482	49.049	ug/L	99
19) 1,1-Dichloroethane	3.21	63	403014	47.852	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	257167	48.553	ug/L	98
22) 2-Butanone	4.02	43	321499	102.537	ug/L	97

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	130354	48.729 ug/L	97
25) Chloroform	4.40	83	443612	48.573 ug/L	99
27) 1,2-Dichloroethane	5.16	62	336081	48.858 ug/L	99
29) Cyclohexane	4.70	56	358470	44.978 ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	408919	47.505 ug/L	100
31) Carbon tetrachloride	4.86	117	353184	47.990 ug/L	99
33) Benzene	5.13	78	943929	47.608 ug/L	100
34) Trichloroethene	5.94	95	250811	47.775 ug/L	99
35) Methylcyclohexane	6.15	83	392068	45.584 ug/L	99
37) 1,2-Dichloropropane	6.20	63	231697	47.614 ug/L	100
38) Bromodichloromethane	6.53	83	335139	46.978 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	376782	46.075 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	674112	98.543 ug/L	99
42) Toluene	7.41	91	1051014	47.698 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	368322	46.351 ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	248076	48.344 ug/L	99
46) Tetrachloroethene	8.00	164	186055	49.434 ug/L	96
48) 2-Hexanone	8.16	43	514775	99.374 ug/L	99
49) Dibromochloromethane	8.27	129	269086	47.883 ug/L	100
50) 1,2-Dibromoethane	8.37	107	269204	49.146 ug/L	98
51) Chlorobenzene	8.90	112	702502	48.644 ug/L	99
52) Ethylbenzene	9.03	91	1181134	47.757 ug/L	99
53) m,p-Xylene	9.16	106	463949	48.716 ug/L	98
54) o-xylene	9.57	106	460345	48.257 ug/L	97
55) Styrene	9.58	104	780842	49.224 ug/L	100
56) Isopropylbenzene	9.95	105	1211894	49.043 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	394165	47.846 ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	316038	48.099 ug/L	98
61) Bromoform	9.75	173	173224	47.587 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	535708	48.829 ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	533664	47.962 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	542811	48.508 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	104426	47.261 ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	356027	48.966 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	334700	50.396 ug/L	99
69) Naphthalene	13.53	128	1299155	51.166 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	342515	50.066 ug/L	99

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

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