Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040320\
Data File : VU037581.D
Acq On : 03 Apr 2020 21:18
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05058

Quant Time: Apr 04 07:02:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 04 05:18:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	175896	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	165216	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	78527	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	58272	40.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.58%			
7) Chloroethane-d5	1.93	69	47594	41.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.94%			
11) 1,1-Dichloroethene-d2	2.59	63	104520	43.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.06%			
21) 2-Butanone-d5	4.67	46	106763	99.44	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.44%			
24) Chloroform-d	5.11	84	107279	44.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.14%			
26) 1,2-Dichloroethane-d4	5.74	65	70832	44.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.66%			
32) Benzene-d6	5.76	84	214703	44.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.70%			
36) 1,2-Dichloropropane-d6	6.72	67	72833	45.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 90.40%			
41) Toluene-d8	7.92	98	197149	44.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.38%			
43) trans-1,3-Dichloropropene-	8.20	79	37947	43.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.74%			
47) 2-Hexanone-d5	8.66	63	79643	93.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.28%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108149	46.95	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.90%			
64) 1,2-Dichlorobenzene-d4	12.21	152	72003	44.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	52721	46.363	ug/L	98
3) Chloromethane	1.54	50	54038	44.799	ug/L	99
5) Vinyl chloride	1.62	62	56405	47.091	ug/L	98
6) Bromomethane	1.87	94	30580	51.765	ug/L	98
8) Chloroethane	1.95	64	34117	48.295	ug/L	97
9) Trichlorofluoromethane	2.16	101	82104	48.315	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	46469	47.942	ug/L	98
12) 1,1-Dichloroethene	2.60	96	46114	49.010	ug/L	94
13) Acetone	2.66	43	59283	95.520	ug/L	98
14) Carbon disulfide	2.82	76	124119	45.668	ug/L	100
15) Methyl Acetate	2.98	43	72121	51.281	ug/L	99
16) Methylene chloride	3.08	84	55034	48.221	ug/L	99
17) trans-1,2-Dichloroethene	3.39	96	47629	47.010	ug/L	98
18) Methyl tert-butyl Ether	3.40	73	176070	49.575	ug/L	98
19) 1,1-Dichloroethane	3.91	63	96212	48.468	ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	57678	49.435	ug/L	97
22) 2-Butanone	4.75	43	104930	103.585	ug/L	99

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Quant Title : VOC Analysis
QLast Update : Sat Apr 04 05:18:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	28450	50.803 ug/L	93
25) Chloroform	5.13	83	100985	48.793 ug/L	96
27) 1,2-Dichloroethane	5.83	62	78041	48.858 ug/L	100
29) Cyclohexane	5.42	56	84966	49.072 ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	85968	49.088 ug/L	98
31) Carbon tetrachloride	5.56	117	71649	49.708 ug/L	97
33) Benzene	5.81	78	212989	49.201 ug/L	100
34) Trichloroethene	6.57	95	55428	48.967 ug/L	97
35) Methylcyclohexane	6.79	83	82101	46.943 ug/L	98
37) 1,2-Dichloropropane	6.82	63	60666	49.184 ug/L	98
38) Bromodichloromethane	7.13	83	79591	49.613 ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	93512	48.539 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	209064	104.452 ug/L	100
42) Toluene	7.99	91	226700	48.392 ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	93928	49.509 ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	57496	51.056 ug/L	99
46) Tetrachloroethene	8.57	164	36427	47.928 ug/L	94
48) 2-Hexanone	8.71	43	167682	107.729 ug/L	98
49) Dibromochloromethane	8.83	129	61258	48.769 ug/L	98
50) 1,2-Dibromoethane	8.94	107	62439	50.415 ug/L	99
51) Chlorobenzene	9.47	112	142028	48.879 ug/L	97
52) Ethylbenzene	9.59	91	264126	49.856 ug/L	100
53) m,p-Xylene	9.71	106	96576	48.873 ug/L	100
54) o-xylene	10.12	106	95420	50.100 ug/L	98
55) Styrene	10.13	104	167265	49.598 ug/L	99
56) Isopropylbenzene	10.50	105	255935	49.562 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	105149	51.794 ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	82705	52.159 ug/L	100
61) Bromoform	10.31	173	46490	51.788 ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	111985	49.389 ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	112538	49.176 ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	113195	50.418 ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.01	75	28000	51.994 ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	76578	48.657 ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	75084	50.044 ug/L	97
69) Naphthalene	14.11	128	305636	48.083 ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	76736	50.628 ug/L	99

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

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