Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062219\
Data File : VU032949.D
Acq On : 21 Jun 2019 17:11
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05057

Quant Time: Jun 22 00:38:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 00:32:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	182361	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	180581	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	96410	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	52430	42.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.14%			
7) Chloroethane-d5	1.67	69	45559	45.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.68%			
11) 1,1-Dichloroethene-d2	2.27	63	112506	44.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.62%			
21) 2-Butanone-d5	4.17	46	118436	114.18	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.18%			
24) Chloroform-d	4.64	84	121890	50.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.62%			
26) 1,2-Dichloroethane-d4	5.30	65	84544	52.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.78%			
32) Benzene-d6	5.33	84	230096	48.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.76%			
36) 1,2-Dichloropropane-d6	6.32	67	75103	50.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.16%			
41) Toluene-d8	7.56	98	217218	49.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.54%			
43) trans-1,3-Dichloropropene-	7.84	79	40107	51.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.84%			
47) 2-Hexanone-d5	8.31	63	74174	105.93	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.93%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118617	51.17	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.34%			
64) 1,2-Dichlorobenzene-d4	11.85	152	92442	49.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	88632	48.116	ug/L	99
3) Chloromethane	1.32	50	76618	45.891	ug/L	99
5) Vinyl chloride	1.40	62	77566	46.840	ug/L	100
6) Bromomethane	1.62	94	38800	39.817	ug/L	100
8) Chloroethane	1.69	64	45657	47.896	ug/L	99
9) Trichlorofluoromethane	1.88	101	110387	47.514	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	57691	47.342	ug/L	98
12) 1,1-Dichloroethene	2.28	96	52356	45.591	ug/L	95
13) Acetone	2.32	43	108015	75.390	ug/L	97
14) Carbon disulfide	2.47	76	160221	44.092	ug/L	100
15) Methyl Acetate	2.61	43	90179	55.526	ug/L	98
16) Methylene chloride	2.69	84	68211	50.619	ug/L	98
17) trans-1,2-Dichloroethene	2.97	96	59026	47.398	ug/L	96
18) Methyl tert-butyl Ether	2.99	73	206139	51.557	ug/L	98
19) 1,1-Dichloroethane	3.44	63	118561	49.938	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	70739	52.142	ug/L	96
22) 2-Butanone	4.25	43	138486	93.256	ug/L	98

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ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05057

Quant Time: Jun 22 00:38:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 00:32:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	36694	51.847	ug/L	99
25) Chloroform	4.67	83	125825	51.392	ug/L	99
27) 1,2-Dichloroethane	5.40	62	110936	55.155	ug/L	98
29) Cyclohexane	4.99	56	98281	46.611	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	107135	48.696	ug/L	99
31) Carbon tetrachloride	5.13	117	93947	46.931	ug/L	98
33) Benzene	5.38	78	253303	48.692	ug/L	100
34) Trichloroethene	6.18	95	66249	47.664	ug/L	97
35) Methylcyclohexane	6.41	83	101855	47.409	ug/L	99
37) 1,2-Dichloropropane	6.43	63	70846	49.648	ug/L	100
38) Bromodichloromethane	6.75	83	94717	49.363	ug/L	96
39) cis-1,3-Dichloropropene	7.26	75	114361	51.441	ug/L	98
40) 4-Methyl-2-pentanone	7.45	43	250466	109.940	ug/L	98
42) Toluene	7.63	91	276046	49.045	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	106305	50.909	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	67343	50.704	ug/L	98
46) Tetrachloroethene	8.22	164	53151	46.667	ug/L	98
48) 2-Hexanone	8.36	43	198835	98.919	ug/L	99
49) Dibromochloromethane	8.47	129	78480	49.015	ug/L	97
50) 1,2-Dibromoethane	8.58	107	75956	51.495	ug/L	100
51) Chlorobenzene	9.11	112	178960	48.318	ug/L	97
52) Ethylbenzene	9.24	91	304320	48.847	ug/L	99
53) m,p-Xylene	9.37	106	112801	47.989	ug/L	96
54) o-xylene	9.77	106	113849	49.597	ug/L	97
55) Styrene	9.79	104	196815	49.423	ug/L	96
56) Isopropylbenzene	10.16	105	301013	48.658	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	123786	51.506	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	99726	52.368	ug/L	99
61) Bromoform	9.95	173	60088	47.731	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	146883	49.014	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	147362	47.609	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	149437	48.838	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	30260	51.837	ug/L	99
67) 1,3,5-Trichlorobenzene	12.88	180	114717	47.643	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	97725	47.167	ug/L	99
69) Naphthalene	13.74	128	307529	48.275	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	104500	47.644	ug/L	100

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

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