Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080818\
Data File : VU025972.D
Acq On : 08 Aug 2018 12:11
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05048

Manual Integrations APPROVED
apatel
8/9/2018 1:54:32 PM

Quant Time: Aug 09 01:13:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 08 06:47:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	307455	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	298229	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	162065	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	81201	47.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.32%			
7) Chloroethane-d5	1.64	69	48217	37.74	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.48%			
11) 1,1-Dichloroethene-d2	2.25	63	163871	49.66	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.32%			
21) 2-Butanone-d5	4.19	46	125590	107.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.13%			
24) Chloroform-d	4.64	84	175502	53.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.42%			
26) 1,2-Dichloroethane-d4	5.31	65	113236	52.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.02%			
32) Benzene-d6	5.34	84	330593	50.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.58%			
36) 1,2-Dichloropropane-d6	6.33	67	103965	50.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.74%			
41) Toluene-d8	7.57	98	315422	49.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.90%			
43) trans-1,3-Dichloropropene-	7.85	79	53670	50.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.16%			
47) 2-Hexanone-d5	8.32	63	94601	111.23	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.23%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	170013	60.05	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 120.10%#			
64) 1,2-Dichlorobenzene-d4	11.87	152	146239	54.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	125140	53.51	ug/L	99
3) Chloromethane	1.33	50	126137	64.10	ug/L	100
5) Vinyl chloride	1.40	62	117867	55.54	ug/L	96
6) Bromomethane	1.60	94	43767m	46.57	ug/L	
8) Chloroethane	1.66	64	52371	42.62	ug/L	98
9) Trichlorofluoromethane	1.84	101	167742	54.86	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	93867	55.54	ug/L	98
12) 1,1-Dichloroethene	2.26	96	82231	52.99	ug/L	90
13) Acetone	2.33	43	140764	101.43	ug/L	100
14) Carbon disulfide	2.46	76	279453	50.54	ug/L	100
15) Methyl Acetate	2.62	43	113807	53.71	ug/L	99
16) Methylene chloride	2.69	84	109651	54.22	ug/L	97
17) trans-1,2-Dichloroethene	2.97	96	99093	51.78	ug/L	94
18) Methyl tert-butyl Ether	3.00	73	333180	54.76	ug/L	100
19) 1,1-Dichloroethane	3.44	63	191545	55.19	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	113272	52.98	ug/L	95
22) 2-Butanone	4.27	43	181443	104.58	ug/L	99

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	59368	52.89	ug/L	98
25) Chloroform	4.67	83	200892	54.64	ug/L	100
27) 1,2-Dichloroethane	5.40	62	164269	56.03	ug/L	99
29) Cyclohexane	4.99	56	165998	52.82	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	179191	52.79	ug/L	99
31) Carbon tetrachloride	5.13	117	165764	54.61	ug/L	99
33) Benzene	5.39	78	417375	53.54	ug/L	100
34) Trichloroethene	6.18	95	109860	50.64	ug/L	97
35) Methylcyclohexane	6.41	83	174529	53.15	ug/L	97
37) 1,2-Dichloropropane	6.43	63	116045	55.72	ug/L	99
38) Bromodichloromethane	6.76	83	152829	53.98	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	178673	52.67	ug/L	98
40) 4-Methyl-2-pentanone	7.47	43	321402	113.17	ug/L	99
42) Toluene	7.64	91	453367	53.29	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	171443	53.47	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	111466	56.03	ug/L	99
46) Tetrachloroethene	8.23	164	93974	50.40	ug/L	98
48) 2-Hexanone	8.37	43	276647	120.75	ug/L	98
49) Dibromochloromethane	8.48	129	134335	54.98	ug/L	98
50) 1,2-Dibromoethane	8.59	107	118223	52.98	ug/L	96
51) Chlorobenzene	9.12	112	305485	52.44	ug/L	98
52) Ethylbenzene	9.25	91	508148	52.50	ug/L	99
53) m,p-Xylene	9.38	106	198395	52.25	ug/L	98
54) o-xylene	9.78	106	200358	55.42	ug/L	96
55) Styrene	9.80	104	336906	55.31	ug/L	100
56) Isopropylbenzene	10.17	105	518496	53.96	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	206038	61.60	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	159637	60.22	ug/L	99
61) Bromoform	9.97	173	108076	58.40	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	259547	53.53	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	264920	53.63	ug/L	98
65) 1,2-Dichlorobenzene	11.89	146	275813	56.73	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	41848	56.64	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	193830	54.25	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	150991	48.69	ug/L	99
69) Naphthalene	13.75	128	442180	48.52	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	154855	48.74	ug/L	100

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

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