Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020391.D
Acq On : 18 May 2019 08:10
Operator : JU/SJ
Sample : K2604-04 20X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ78

Manual Integrations APPROVED
mohammad
5/20/2019 2:46:59 PM

Quant Time: May 20 05:49:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	85957	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	344165	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	213479	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	477874	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	427412	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	486760	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	462	0.20	ng/uL	0.02
5) Phenol-d5	6.90	99	5777m	0.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	4224m	0.97	ng/ul	0.01
9) 2-Chlorophenol-d4	7.26	132	5076	1.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	4029m	0.81	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	2562	1.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	1930	0.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	4896m	0.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	12741	2.36	ng/ul	0.03
43) Dimethylphthalate-d6	13.79	166	22231	1.45	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	26260	1.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	997m	0.45	ng/ul	0.02
57) Fluorene-d10	15.37	176	20902	1.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	1400	0.51	ng/ul	0.02
70) Anthracene-d10	17.23	188	29562m	1.44	ng/ul	0.00
78) Pyrene-d10	19.53	212	32009	1.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	29013	1.31	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.57	128	720325	45.554	ng/ul	99
34) 2-Methylnaphthalene	12.20	142	2832595	247.412	ng/ul	98
40) 1,1'-Biphenyl	13.21	154	46771	3.060	ng/ul	99
47) Acenaphthylene	14.11	152	1782689	98.398	ng/ul	98
49) Acenaphthene	14.44	153	242770	19.492	ng/ul	99
53) Dibenzofuran	14.78	168	497605	26.383	ng/ul	98
58) Fluorene	15.44	166	1403964	92.919	ng/ul	99
69) Phenanthrene	17.19	178	7532276	330.806	ng/ul	99
71) Anthracene	17.27	178	1383281	59.723	ng/ul	100
76) Fluoranthene	19.20	202	3637156	126.455	ng/ul	100
79) Pyrene	19.57	202	5048537	196.792	ng/ul	97
82) Benzo(a)anthracene	21.31	228	1777971	69.114	ng/ul	95
84) Chrysene	21.36	228	1585615	64.497	ng/ul	97
87) Benzo(b)fluoranthene	22.91	252	1574468	56.675	ng/ul	97
88) Benzo(k)fluoranthene	22.95	252	491745m	18.021	ng/ul	
90) Benzo(a)pyrene	23.50	252	1491134	57.035	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	751950	25.242	ng/ul	98
92) Dibenzo(a,h)anthracene	25.90	278	213957m	8.399	ng/ul	
93) Benzo(g,h,i)perylene	26.61	276	694358	28.158	ng/ul	98

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

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