Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005443.D
Acq On : 03 May 2019 07:40
Operator : JU/SJ
Sample : K2603-06 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ58

Manual Integrations APPROVED
mohammad
5/6/2019 8:31:08 AM

Quant Time: May 06 07:05:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	310560	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1398504	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	883982	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1877643	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1371675	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1380901	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	596m	0.09	ng/uL	0.00
5) Phenol-d5	6.78	99	16489	0.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	10281	0.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	13303m	0.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	14106	0.74	ng/ul	0.01
19) Nitrobenzene-d5	8.75	128	7771	0.90	ng/ul	0.01
22) 2-Nitrophenol-d4	9.45	143	7166	0.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	14670	0.73	ng/ul	0.02
29) 4-Chloroaniline-d4	10.50	131	525	0.03	ng/ul	0.01
43) Dimethylphthalate-d6	13.64	166	73325	1.14	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	71950	0.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	9550m	0.94	ng/ul	0.04
57) Fluorene-d10	15.23	176	53809	1.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	2184	0.26	ng/ul	0.02
70) Anthracene-d10	17.09	188	77574	0.99	ng/ul	0.01
78) Pyrene-d10	19.40	212	80110	1.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	54332	0.90	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.02	142	206269	4.333	ng/ul	97
40) 1,1'-Biphenyl	13.05	154	2033790	30.878	ng/ul	99
47) Acenaphthylene	13.95	152	11258024	145.350	ng/ul	96
49) Acenaphthene	14.29	153	1236302	23.381	ng/ul	100
53) Dibenzofuran	14.63	168	1455224	19.115	ng/ul	100
58) Fluorene	15.29	166	9173437	154.418	ng/ul	97
64) N-Nitrosodiphenylamine	15.50	169	115381	2.245	ng/ul#	74
69) Phenanthrene	17.03	178	26328674m	287.921	ng/ul	
71) Anthracene	17.13	178	5585036	59.955	ng/ul	99
74) Carbazole	17.39	167	107194	1.340	ng/ul#	83
76) Fluoranthene	19.07	202	16162185	159.345	ng/ul#	95
79) Pyrene	19.43	202	19147333m	216.800	ng/ul	
82) Benzo(a)anthracene	21.20	228	7851844m	92.015	ng/ul	
84) Chrysene	21.26	228	7206833	91.000	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	5211524	67.138	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	1378681m	18.597	ng/ul	
90) Benzo(a)pyrene	23.33	252	3920682m	53.735	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.60	276	2262290	28.044	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.60	278	665579	9.722	ng/ul	98
93) Benzo(g,h,i)perylene	26.27	276	2323110	34.828	ng/ul#	95

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

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