Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005575.D
Acq On : 09 May 2019 20:35
Operator : JU/SJ
Sample : K2604-19 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ90

Manual Integrations APPROVED
Sohil
5/10/2019 1:19:39 PM

Quant Time: May 10 01:59:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	295343	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1275326	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	791747	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1698514	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1133327	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	1235962	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	1712m	0.28	ng/uL	0.00
5) Phenol-d5	6.78	99	36030	1.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	21533	1.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	32226	1.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	29362	1.62	ng/ul	0.01
19) Nitrobenzene-d5	8.74	128	16490	2.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	13770	1.73	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	32212m	1.77	ng/ul	0.03
29) 4-Chloroaniline-d4	10.52	131	13329m	0.71	ng/ul	0.03
43) Dimethylphthalate-d6	13.64	166	114287	1.99	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	153244	2.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	10560m	1.16	ng/ul	0.05
57) Fluorene-d10	15.23	176	110646	2.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	514m	0.07	ng/ul	0.03
70) Anthracene-d10	17.08	188	166946	2.34	ng/ul	0.00
78) Pyrene-d10	19.40	212	150725	2.60	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	116723	2.16	ng/ul	0.02
Target Compounds						Qvalue
47) Acenaphthylene	13.95	152	1381459	19.914	ng/ul	98
58) Fluorene	15.30	166	71057	1.335	ng/ul#	51
69) Phenanthrene	17.03	178	149228	1.804	ng/ul	97
71) Anthracene	17.12	178	654352	7.765	ng/ul	99
76) Fluoranthene	19.06	202	3092973	33.710	ng/ul#	95
79) Pyrene	19.43	202	6096277	83.543	ng/ul#	94
82) Benzo(a)anthracene	21.21	228	2056041m	29.162	ng/ul	
84) Chrysene	21.26	228	1932235	29.529	ng/ul	98
87) Benzo(b)fluoranthene	22.79	252	2117639	30.480	ng/ul	97
88) Benzo(k)fluoranthene	22.82	252	503265m	7.584	ng/ul	
90) Benzo(a)pyrene	23.35	252	2010153	30.781	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.63	276	1001811	13.875	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.63	278	326059	5.321	ng/ul#	88
93) Benzo(g,h,i)perylene	26.30	276	1013787	16.981	ng/ul#	93

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

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