Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005547.D
Acq On : 09 May 2019 00:02
Operator : JU/SJ
Sample : K2604-13 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ87

Manual Integrations APPROVED
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5/9/2019 2:35:32 PM

Quant Time: May 09 15:26:55 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	302681	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1179682	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.23	164	782277	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1782306	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1371582	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	1331092	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	3746	0.60	ng/uL	0.00
5) Phenol-d5	6.78	99	83412	3.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	56019	3.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	70551	3.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	63275	3.41	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	49167	6.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	36495	4.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	73547	4.36	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.64	166	240513	4.24	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	305704	4.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	31110	3.47	ng/ul	0.02
57) Fluorene-d10	15.23	176	217354	4.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	8916m	1.11	ng/ul	0.03
70) Anthracene-d10	17.08	188	342337	4.58	ng/ul	0.00
78) Pyrene-d10	19.39	212	359345	5.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	258114	4.44	ng/ul	-0.02
Target Compounds						Qvalue
28) Naphthalene	10.42	128	24866009m	453.416	ng/ul	
34) 2-Methylnaphthalene	12.04	142	11327258	282.084	ng/ul	99
40) 1,1'-Biphenyl	13.05	154	1885375	32.346	ng/ul	99
44) Dimethylphthalate	13.69	163	79960	1.413	ng/ul#	90
47) Acenaphthylene	13.95	152	1407622	20.536	ng/ul#	92
49) Acenaphthene	14.30	153	5989593	128.000	ng/ul	99
53) Dibenzofuran	14.63	168	697223	10.349	ng/ul	91
58) Fluorene	15.29	166	3820230	72.667	ng/ul	98
69) Phenanthrene	17.03	178	16407814	189.028	ng/ul	93
71) Anthracene	17.12	178	5680080	64.237	ng/ul	100
74) Carbazole	17.39	167	308532	4.062	ng/ul	93
76) Fluoranthene	19.06	202	9340609	97.016	ng/ul	96
79) Pyrene	19.43	202	12443525	140.904	ng/ul	97
82) Benzo(a)anthracene	21.19	228	4632219m	54.288	ng/ul	
84) Chrysene	21.25	228	3997732	50.482	ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	2949228	39.415	ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	799512m	11.188	ng/ul	
90) Benzo(a)pyrene	23.32	252	3277185m	46.596	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.59	276	1307139	16.810	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.59	278	363999m	5.516	ng/ul	
93) Benzo(g,h,i)perylene	26.25	276	1390080	21.620	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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