Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005546.D
Acq On : 08 May 2019 23:27
Operator : JU/SJ
Sample : K2604-12 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ86

Manual Integrations APPROVED
Sohil
5/9/2019 2:35:31 PM

Quant Time: May 09 12:22:13 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	299859	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1190800	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	804306	20.00	ng/ul	0.01
61) Phenanthrene-d10	16.99	188	1761324	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1481143	20.00	ng/ul	-0.01
85) Perylene-d12	23.40	264	1367926	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	3870	0.62	ng/uL	0.00
5) Phenol-d5	6.78	99	84885	3.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	57707	3.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	72844	4.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	58784	3.19	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	48444	6.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	35656	4.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	78398	4.60	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.65	166	252036	4.32	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	321362	4.48	ng/ul	0.01
51) 4-Nitrophenol-d4	14.45	143	59895	6.50	ng/ul	0.00
57) Fluorene-d10	15.23	176	227795	4.65	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.40	200	13161m	1.66	ng/ul	0.04
70) Anthracene-d10	17.08	188	352787	4.78	ng/ul	0.00
78) Pyrene-d10	19.39	212	385423	5.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	284689	4.76	ng/ul	-0.02
Target Compounds						Qvalue
28) Naphthalene	10.42	128	22047841m	398.275	ng/ul	
34) 2-Methylnaphthalene	12.05	142	23565567m	581.377	ng/ul	
40) 1,1'-Biphenyl	13.06	154	1839961	30.703	ng/ul	98
44) Dimethylphthalate	13.69	163	72400	1.244	ng/ul#	68
47) Acenaphthylene	13.95	152	895387	12.705	ng/ul#	75
49) Acenaphthene	14.30	153	3172850	65.948	ng/ul	99
53) Dibenzofuran	14.63	168	909055m	13.124	ng/ul	
58) Fluorene	15.29	166	2712336	50.180	ng/ul#	97
69) Phenanthrene	17.03	178	10690869	124.632	ng/ul	96
71) Anthracene	17.12	178	1995117	22.832	ng/ul	98
76) Fluoranthene	19.06	202	1749605	18.389	ng/ul#	95
79) Pyrene	19.42	202	2689272	28.199	ng/ul#	93
82) Benzo(a)anthracene	21.19	228	1001726m	10.872	ng/ul	
84) Chrysene	21.25	228	863414	10.096	ng/ul	95
87) Benzo(b)fluoranthene	22.76	252	594690	7.734	ng/ul	97
88) Benzo(k)fluoranthene	22.79	252	159833m	2.176	ng/ul	
90) Benzo(a)pyrene	23.31	252	603585	8.351	ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	25.59	276	267585	3.349	ng/ul	96
92) Dibenzo(a,h)anthracene	25.59	278	81525	1.202	ng/ul#	77
93) Benzo(g,h,i)perylene	26.25	276	281512	4.260	ng/ul#	94

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

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