Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHQ7

Manual Integrations APPROVED
Sohil
4/25/2019 5:35:22 PM

Quant Time: Apr 25 07:21:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	456925	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1587155m	20.00	ng/ul	0.08
35) Acenaphthene-d10	14.25	164	1564864m	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.00	188	2672868m	20.00	ng/ul	0.02
77) Chrysene-d12	21.23	240	1806193	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	2069273	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	5692	0.60	ng/uL	0.00
5) Phenol-d5	6.78	99	157713	4.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	108341	4.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	128033	4.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	138053	4.92	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	112834m	11.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	67577	6.82	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.01	165	143262	6.31	ng/ul	0.02
29) 4-Chloroaniline-d4	10.52	131	132733	5.67	ng/ul	0.02
43) Dimethylphthalate-d6	13.69	166	542533	4.78	ng/ul	0.04
46) Acenaphthylene-d8	13.96	160	562599	4.03	ng/ul	0.04
51) 4-Nitrophenol-d4	14.46	143	152079m	8.48	ng/ul	0.02
57) Fluorene-d10	15.25	176	423404m	4.44	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.42	200	19054m	1.58	ng/ul	0.07
70) Anthracene-d10	17.13	188	604579	5.40	ng/ul	0.04
78) Pyrene-d10	19.42	212	630877	6.83	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.30	264	472166	5.22	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.40	105	942611	20.995	ng/ul#	59
28) Naphthalene	10.42	128	79753091m	1080.896	ng/ul	
34) 2-Methylnaphthalene	12.05	142	73544353m	1361.285	ng/ul	
40) 1,1'-Biphenyl	13.07	154	18170922m	155.844	ng/ul	
47) Acenaphthylene	13.98	152	32021433m	233.539	ng/ul	
49) Acenaphthene	14.32	153	8477533	90.566	ng/ul	98
53) Dibenzofuran	14.65	168	7925290	58.806	ng/ul	93
58) Fluorene	15.31	166	27470668m	261.218	ng/ul	
69) Phenanthrene	17.04	178	47705615m	366.479	ng/ul	
71) Anthracene	17.15	178	16332754m	123.167	ng/ul	
76) Fluoranthene	19.07	202	23251251m	161.035	ng/ul	
79) Pyrene	19.44	202	28026493m	240.995	ng/ul	
82) Benzo(a)anthracene	21.22	228	16073114	143.045	ng/ul#	69
84) Chrysene	21.27	228	14207998	136.243	ng/ul#	83
87) Benzo(b)fluoranthene	22.80	252	10103107	86.857	ng/ul	98
88) Benzo(k)fluoranthene	22.83	252	3598827m	32.395	ng/ul	
90) Benzo(a)pyrene	23.36	252	8714088	79.701	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.63	276	4531237	37.485	ng/ul	96
92) Dibenzo(a,h)anthracene	25.63	278	1425109	13.892	ng/ul	98
93) Benzo(g,h,i)perylene	26.30	276	3703017	37.048	ng/ul	96

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

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