Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005242.D
Acq On : 24 Apr 2019 07:44
Operator : JU/SJ
Sample : K2455-22 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHS2

Manual Integrations APPROVED
Sohil
4/25/2019 6:35:43 PM

Quant Time: Apr 25 07:43:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	502131	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1843063	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.23	164	1186809	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2354815	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1998074	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	2310887	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	10473m	1.01	ng/uL	0.00
5) Phenol-d5	6.78	99	75569	1.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	56009	2.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	61317	2.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	35199	1.14	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	20267	1.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	27255	2.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	57436	2.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	110902m	4.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	237207	2.75	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	254991	2.41	ng/ul	0.01
51) 4-Nitrophenol-d4	14.45	143	37682	2.77	ng/ul	0.01
57) Fluorene-d10	15.23	176	193948	2.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	1123	0.11	ng/ul	0.00
70) Anthracene-d10	17.10	188	261669	2.65	ng/ul	0.01
78) Pyrene-d10	19.40	212	277741	2.72	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	257729	2.55	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.42	128	51511132m	601.197	ng/ul	
34) 2-Methylnaphthalene	12.05	142	39911882m	636.182	ng/ul	
40) 1,1'-Biphenyl	13.07	154	7001655	79.179	ng/ul	99
47) Acenaphthylene	13.96	152	15963725	153.515	ng/ul#	90
49) Acenaphthene	14.30	153	2572956	36.243	ng/ul	99
53) Dibenzofuran	14.64	168	2580426	25.246	ng/ul	92
58) Fluorene	15.30	166	12052705	151.117	ng/ul	98
69) Phenanthrene	17.03	178	24960898m	217.651	ng/ul	
71) Anthracene	17.13	178	10248912	87.727	ng/ul	98
74) Carbazole	17.39	167	310538	3.094	ng/ul#	89
76) Fluoranthene	19.07	202	11143141	87.600	ng/ul	100
79) Pyrene	19.43	202	15487120m	120.382	ng/ul	
82) Benzo(a)anthracene	21.20	228	6341706m	51.019	ng/ul	
84) Chrysene	21.26	228	5230754	45.342	ng/ul	98
87) Benzo(b)fluoranthene	22.78	252	3348102	25.774	ng/ul	100
88) Benzo(k)fluoranthene	22.81	252	1292644m	10.419	ng/ul	
90) Benzo(a)pyrene	23.33	252	4157965	34.054	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	1491916	11.052	ng/ul	97
92) Dibenzo(a,h)anthracene	25.60	278	484264	4.227	ng/ul	97
93) Benzo(g,h,i)perylene	26.26	276	1190479	10.665	ng/ul	99

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

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