Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
Operator : JU/SJ
Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAJ58ME

Manual Integrations APPROVED
mohammad
5/13/2019 8:26:12 AM

Quant Time: May 10 23:19:39 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	7.58	152	140836	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	581461	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.22	164	363257	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	748477	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	624884	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	595106	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	11153	3.82	ng/uL	0.00
5) Phenol-d5	6.77	99	242256	21.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	143357	20.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	211647	25.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	194245	22.47	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	109990	30.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	121088	33.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	217652	26.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	166041	19.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	763648	28.96	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	903344	27.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	102946	24.72	ng/ul	0.00
57) Fluorene-d10	15.22	176	636708	28.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	97481	28.96	ng/ul	0.01
70) Anthracene-d10	17.08	188	955665	30.46	ng/ul	0.00
78) Pyrene-d10	19.40	212	1072587	33.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	819986	31.53	ng/ul	0.01
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.01	142	83205	4.204	ng/ul	97
40) 1,1'-Biphenyl	13.04	154	869102	32.110	ng/ul#	98
44) Dimethylphthalate	13.68	163	114503	4.358	ng/ul	98
47) Acenaphthylene	13.94	152	5492350	172.560	ng/ul	97
49) Acenaphthene	14.28	153	567325	26.109	ng/ul	99
53) Dibenzofuran	14.62	168	696661	22.268	ng/ul	97
58) Fluorene	15.28	166	4605019	188.637	ng/ul	97
69) Phenanthrene	17.03	178	19311876m	529.789	ng/ul	
71) Anthracene	17.12	178	2849270	76.730	ng/ul	99
74) Carbazole	17.39	167	53028	1.662	ng/ul#	82
76) Fluoranthene	19.06	202	9788857	242.105	ng/ul	98
79) Pyrene	19.43	202	12910720	320.888	ng/ul	99
82) Benzo(a)anthracene	21.20	228	4605787m	118.479	ng/ul	
84) Chrysene	21.26	228	4286880	118.820	ng/ul	99
87) Benzo(b)fluoranthene	22.78	252	2702071	80.773	ng/ul	98
88) Benzo(k)fluoranthene	22.81	252	980906m	30.702	ng/ul	
90) Benzo(a)pyrene	23.33	252	2046955m	65.099	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.62	276	1130183	32.510	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.62	278	379464m	12.862	ng/ul	
93) Benzo(g,h,i)perylene	26.28	276	1059174	36.847	ng/ul	95

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

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