Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005313.D
Acq On : 26 Apr 2019 10:30
Operator : JU/SJ
Sample : K2456-03 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHS3

Manual Integrations APPROVED
Sohil
4/26/2019 6:22:18 PM

Quant Time: Apr 26 12:29:44 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	7.59	152	456965	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1931720	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1154749	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2624634	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	2320458	20.00	ng/ul	-0.01
85) Perylene-d12	23.41	264	2180494	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	1433	0.15	ng/uL	0.00
5) Phenol-d5	6.78	99	38991	1.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	25968	1.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	33158	1.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	31041	1.11	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	20021	1.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	16689	1.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	34179	1.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	31751	1.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	131960	1.57	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	153857	1.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	12335	0.93	ng/ul	0.00
57) Fluorene-d10	15.23	176	116027	1.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	6224	0.53	ng/ul	0.00
70) Anthracene-d10	17.09	188	169773	1.54	ng/ul	0.00
78) Pyrene-d10	19.40	212	190007	1.60	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	142522	1.50	ng/ul	-0.03
Target Compounds						Qvalue
28) Naphthalene	10.41	128	27659236m	308.001	ng/ul	
34) 2-Methylnaphthalene	12.04	142	14218942	216.243	ng/ul	99
40) 1,1'-Biphenyl	13.06	154	2968724	34.504	ng/ul	98
47) Acenaphthylene	13.95	152	9130274	90.239	ng/ul#	96
49) Acenaphthene	14.29	153	942168	13.640	ng/ul	97
53) Dibenzofuran	14.63	168	1002680	10.082	ng/ul	99
58) Fluorene	15.29	166	6455724	83.189	ng/ul	96
69) Phenanthrene	17.03	178	19518794m	152.701	ng/ul	
71) Anthracene	17.12	178	7211067	55.379	ng/ul	99
74) Carbazole	17.39	167	237638	2.124	ng/ul	98
76) Fluoranthene	19.06	202	11406157	80.449	ng/ul	100
79) Pyrene	19.43	202	14583286	97.608	ng/ul	97
82) Benzo(a)anthracene	21.20	228	5830213m	40.388	ng/ul	
84) Chrysene	21.25	228	5105782	38.110	ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	3589069	29.281	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	911434m	7.786	ng/ul	
90) Benzo(a)pyrene	23.32	252	3831794	33.259	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.58	276	1321476	10.374	ng/ul	97
92) Dibenzo(a,h)anthracene	25.59	278	396830	3.671	ng/ul#	84
93) Benzo(g,h,i)perylene	26.25	276	1122761	10.660	ng/ul	97

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

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