Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020392.D
Acq On : 18 May 2019 08:46
Operator : JU/SJ
Sample : K2604-01 20X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ75

Manual Integrations APPROVED
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5/20/2019 2:47:05 PM

Quant Time: May 20 08:45:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	60683	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	226312	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	147880	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	325186	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	354214	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	410182	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	229	0.14	ng/uL	0.01
5) Phenol-d5	6.90	99	5497m	1.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	4662	1.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	3985	1.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	3687	1.05	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	2683	1.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	1363	0.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	4359	1.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	4799m	1.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	18308	1.72	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	19381	1.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	4246	2.75	ng/ul	-0.01
57) Fluorene-d10	15.37	176	17049	1.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	1174	0.63	ng/ul	0.02
70) Anthracene-d10	17.24	188	22295m	1.60	ng/ul	0.00
78) Pyrene-d10	19.53	212	27367	1.60	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	28545	1.53	ng/ul	0.01
Target Compounds						Qvalue
11) 2-Methylphenol	8.17	108	12115m	3.500	ng/ul	
16) 4-Methylphenol	8.51	108	8435	2.250	ng/ul	93
24) 2,4-Dimethylphenol	9.73	107	33351m	8.279	ng/ul	
28) Naphthalene	10.59	128	9847349	947.063	ng/ul	99
34) 2-Methylnaphthalene	12.20	142	3789912	503.414	ng/ul	97
40) 1,1'-Biphenyl	13.21	154	516192	48.758	ng/ul	100
47) Acenaphthylene	14.11	152	2455428	195.652	ng/ul	98
49) Acenaphthene	14.44	153	318533	36.920	ng/ul	99
53) Dibenzofuran	14.79	168	858487	65.707	ng/ul	97
58) Fluorene	15.44	166	2059261	196.747	ng/ul	100
69) Phenanthrene	17.19	178	11224393	724.421	ng/ul	98
71) Anthracene	17.27	178	2639582	167.475	ng/ul	100
74) Carbazole	17.54	167	228549	17.084	ng/ul	96
76) Fluoranthene	19.20	202	5761098	294.349	ng/ul	98
79) Pyrene	19.57	202	6772900	318.565	ng/ul	97
82) Benzo(a)anthracene	21.32	228	2722933m	127.721	ng/ul	
84) Chrysene	21.37	228	2256452	110.752	ng/ul	96
87) Benzo(b)fluoranthene	22.92	252	1920592	82.041	ng/ul	98
88) Benzo(k)fluoranthene	22.96	252	643877m	28.002	ng/ul	
90) Benzo(a)pyrene	23.50	252	1947595	88.402	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	828498	33.003	ng/ul	98
92) Dibenzo(a,h)anthracene	25.90	278	241001	11.226	ng/ul#	92
93) Benzo(g,h,i)perylene	26.61	276	770184	37.063	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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