Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020359.D
Acq On : 17 May 2019 11:34
Operator : JU/SJ
Sample : K2604-20ME
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ91ME

Manual Integrations APPROVED
mohammad
5/20/2019 2:46:10 PM

Quant Time: May 20 07:49:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 02:51:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	72236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	265214	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.39	164	172528	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	327071	20.00	ng/ul	0.01
77) Chrysene-d12	21.34	240	338677	20.00	ng/ul	0.01
85) Perylene-d12	23.61	264	391947m	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	11866	6.06	ng/uL	0.00
5) Phenol-d5	6.90	99	179933	31.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	122456	33.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	140843	33.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	126509	30.15	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	66035	38.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	69673	36.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	136341	33.88	ng/ul	0.01
29) 4-Chloroaniline-d4	10.68	131	114478	27.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	400565	32.27	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	502228	32.34	ng/ul	0.02
51) 4-Nitrophenol-d4	14.60	143	26236	14.56	ng/ul	0.00
57) Fluorene-d10	15.39	176	349593	31.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	19298m	10.36	ng/ul	0.03
70) Anthracene-d10	17.25	188	515095	36.72	ng/ul	0.02
78) Pyrene-d10	19.54	212	577422	35.40	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.47	264	622050m	34.92	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.61	128	30055595m	2466.584	ng/ul	
34) 2-Methylnaphthalene	12.23	142	14964788	1696.203	ng/ul	96
40) 1,1'-Biphenyl	13.22	154	1756581	142.218	ng/ul	99
47) Acenaphthylene	14.13	152	10713306	731.694	ng/ul	97
49) Acenaphthene	14.46	153	638305	63.413	ng/ul	98
53) Dibenzofuran	14.79	168	645400	42.341	ng/ul	96
58) Fluorene	15.45	166	4793221	392.531	ng/ul	99
69) Phenanthrene	17.20	178	19164273m	1229.732	ng/ul	
71) Anthracene	17.29	178	4603770	290.414	ng/ul	100
74) Carbazole	17.55	167	61836	4.596	ng/ul#	82
76) Fluoranthene	19.22	202	7715025	391.908	ng/ul	97
79) Pyrene	19.59	202	11239161m	552.888	ng/ul	
82) Benzo(a)anthracene	21.33	228	3948977m	193.727	ng/ul	
84) Chrysene	21.38	228	3317154	170.283	ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	2535259	113.336	ng/ul	97
88) Benzo(k)fluoranthene	22.97	252	767209m	34.917	ng/ul	
90) Benzo(a)pyrene	23.53	252	3062967m	145.498	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.93	276	1171106m	48.821	ng/ul	
92) Dibenzo(a,h)anthracene	25.93	278	350669m	17.095	ng/ul	
93) Benzo(g,h,i)perylene	26.64	276	1180846m	59.469	ng/ul	

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

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