Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013495.D
Acq On : 18 Dec 2017 13:01
Operator : SJ/JU
Sample : I6778-14ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A79ME

Manual Integrations APPROVED
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12/19/2017 4:56:21 PM

Quant Time: Dec 19 12:20:32 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 14:36:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	209397	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	1028020m	20.00	ng/ul	0.06
35) Acenaphthene-d10	14.34	164	752766	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.15	188	1379396	20.00	ng/ul	0.08
75) Chrysene-d12	21.29	240	1144244m	20.00	ng/ul	0.04
83) Perylene-d12	23.51	264	904605m	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	23433	5.54	ng/uL	0.00
5) Phenol-d5	6.86	99	669029	36.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	382121	36.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	539232	38.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	587490	37.96	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	315679	38.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	332216	38.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	610232	33.94	ng/ul	0.02
29) 4-Chloroaniline-d4	10.62	131	1432928	86.71	ng/ul	0.02
43) Dimethylphthalate-d6	13.76	166	1863557	27.82	ng/ul	0.03
46) Acenaphthylene-d8	14.02	160	2396672	28.99	ng/ul	0.01
51) 4-Nitrophenol-d4	14.57	143	322935	27.75	ng/ul	0.04
57) Fluorene-d10	15.33	176	1707622	29.64	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.50	200	7103	0.82	ng/ul	0.05
70) Anthracene-d10	17.26	188	2681230m	38.81	ng/ul	0.09
76) Pyrene-d10	19.52	212	2753498	48.30	ng/ul	0.06
87) Benzo(a)pyrene-d12	23.37	264	1792091	38.89	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	6.88	94	24575	1.372	ng/ul#	90
24) 2,4-Dimethylphenol	9.65	107	119475	6.056	ng/ul	88
28) Naphthalene	10.51	128	66926664m	1265.383	ng/ul	
34) 2-Methylnaphthalene	12.14	142	35369232m	889.589	ng/ul	
40) 1,1'-Biphenyl	13.16	154	16279358	255.885	ng/ul#	97
44) Dimethylphthalate	13.80	163	173597	2.710	ng/ul	96
47) Acenaphthylene	14.06	152	7978664	104.299	ng/ul#	95
49) Acenaphthene	14.40	153	36353029m	697.602	ng/ul	
53) Dibenzofuran	14.74	168	32359240m	420.629	ng/ul	
58) Fluorene	15.40	166	38844625m	610.358	ng/ul	
69) Phenanthrene	17.13	178	69346352m	884.902	ng/ul	
71) Anthracene	17.27	178	23655078m	295.308	ng/ul	
72) Carbazole	17.52	167	18754307	272.197	ng/ul#	88
74) Fluoranthene	19.15	202	45572568m	474.539	ng/ul	
77) Pyrene	19.52	202	39933484m	574.450	ng/ul	
80) Benzo(a)anthracene	21.27	228	20934066m	288.350	ng/ul	
82) Chrysene	21.33	228	18112413	268.914	ng/ul#	82
85) Benzo(b)fluoranthene	22.86	252	15905510	260.828	ng/ul#	97
86) Benzo(k)fluoranthene	22.89	252	5232524m	91.180	ng/ul	
88) Benzo(a)pyrene	23.43	252	10867503	198.388	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.76	276	4915358m	90.434	ng/ul	
90) Dibenzo(a,h)anthracene	25.76	278	1464581m	31.645	ng/ul	
91) Benzo(g,h,i)perylene	26.44	276	3690855	86.088	ng/ul#	95

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

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