Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
Data File : BF089755.D
Acq On : 17 Aug 2016 10:52
Operator : UM/SJ
Sample : H4145-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
9524

Manual Integrations APPROVED
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8/17/2016 6:25:10 PM

Quant Time: Aug 17 11:32:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 19:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	604522	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	2504353	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	1199090	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	2105433	20.00	ng		0.00
75) Chrysene-d12	13.92	240	1623149	20.00	ng		0.02
86) Perylene-d12	15.43	264	1254822	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	2070503	57.15	ng		0.00
7) Phenol-d6	6.33	99	2693563	58.45	ng		0.00
23) Nitrobenzene-d5	7.27	82	1773488	43.24	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	1081731	93.25	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	4139376	55.39	ng		0.00
78) Terphenyl-d14	12.81	244	3927388	72.29	ng		0.00
Target Compounds							Qvalue
8) 2-Chlorophenol	6.48	128	822319	19.08	ng		90
10) Phenol	6.35	94	3624480	63.19	ng		77
11) bis(2-Chloroethyl)ether	6.44	93	1260477	29.66	ng		92
12) 1,3-Dichlorobenzene	6.64	146	867353	18.83	ng		96
17) 2-Methylphenol	6.96	107	1775084	51.84	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	3293633	109.13	ng		92
20) 3+4-Methylphenols	7.12	107	2253260	51.39	ng	#	47
25) Isophorone	7.54	82	6746555	82.21	ng	#	86
26) 2-Nitrophenol	7.61	139	1614231	74.36	ng	#	88
29) 2,4-Dichlorophenol	7.85	162	2918191	85.19	ng		95
30) 1,2,4-Trichlorobenzene	7.93	180	3346026	90.99	ng		100
31) Naphthalene	8.01	128	4634973	41.23	ng		95
34) Hexachlorobutadiene	8.14	225	1138968	58.95	ng		99
36) 4-Chloro-3-methylphenol	8.54	107	1202665	32.25	ng		91
37) 2-Methylnaphthalene	8.71	142	4173737	54.55	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	2107509	88.76	ng		99
46) 2-Chloronaphthalene	9.19	162	1942635	26.10	ng		95
48) Acenaphthylene	9.60	152	3893167	33.98	ng		96
49) Dimethylphthalate	9.47	163	865754	9.98	ng		99
50) 2,6-Dinitrotoluene	9.53	165	1848634	94.14	ng		89
54) Dibenzofuran	9.95	168	12263791	128.91	ng	#	84
55) 4-Nitrophenol	9.86	139	1106444	62.99	ng		91
56) 2,4-Dinitrotoluene	9.93	165	835663	33.11	ng	#	55
57) Fluorene	10.28	166	4933325	64.19	ng		98
59) Diethylphthalate	10.19	149	9969166	113.32	ng	#	85
60) 4-Chlorophenyl-phenylether	10.30	204	2844323	75.38	ng		94
66) 4-Bromophenyl-phenylether	10.78	248	1079716	49.52	ng	#	74
67) Hexachlorobenzene	10.84	284	3485664	143.81	ng	#	81
69) Pentachlorophenol	11.03	266	482831	31.97	ng		99
71) Anthracene	11.29	178	4522785	41.83	ng		96
73) Di-n-butylphthalate	11.80	149	7837437	62.90	ng	#	96
74) Fluoranthene	12.42	202	4645177	44.67	ng		90
77) Pyrene	12.66	202	11374275m	107.08	ng		
80) Benzo(a)anthracene	13.91	228	9804968	103.97	ng		91

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82) Chrysene	13.94	228	5083219	59.89	ng		95
85) Indeno(1,2,3-cd)pyrene	16.74	276	2800358	38.73	ng	#	69
87) Benzo(b)fluoranthene	15.04	252	8920667	112.20	ng		96
88) Benzo(k)fluoranthene	15.09	252	6017347m	91.95	ng		
89) Benzo(a)pyrene	15.37	252	3581766	54.56	ng		96
90) Dibenzo(a,h)anthracene	16.79	278	8916532	172.51	ng	#	93
91) Benzo(g,h,i)perylene	17.17	276	6419524	122.03	ng		95

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

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