Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100821.D
Acq On : 22 Nov 2017 12:51
Operator : SJ/JU
Sample : I6310-05MS 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-112017-AMS

Manual Integrations APPROVED
Sohil
11/27/2017 3:19:27 PM

Quant Time: Nov 22 18:19:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	73485	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	273567	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	111560	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	172120	20.00	ng		-0.01
75) Chrysene-d12	14.03	240	173449	20.00	ng		-0.01
86) Perylene-d12	15.51	264	167800	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	54481	11.88	ng		-0.01
7) Phenol-d6	6.49	99	65616	11.61	ng		-0.02
23) Nitrobenzene-d5	7.43	82	36924	8.92	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	12040	10.59	ng		-0.02
44) 2-Fluorobiphenyl	9.23	172	81739	11.16	ng		-0.01
78) Terphenyl-d14	12.98	244	60248	7.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	5704	2.553	ng		97
3) Pyridine	3.49	79	13567m	2.226	ng		
4) n-Nitrosodimethylamine	3.38	42	8169	2.761	ng	#	83
8) 2-Chlorophenol	6.65	128	17936	3.698	ng		98
10) Phenol	6.50	94	24861	4.189	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	17232	3.457	ng		97
12) 1,3-Dichlorobenzene	6.81	146	20628	3.689	ng		97
13) 1,4-Dichlorobenzene	6.89	146	20426	3.609	ng		97
14) 1,2-Dichlorobenzene	7.04	146	19674	3.760	ng		95
15) Benzyl Alcohol	7.00	79	14860	3.368	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	27624	3.465	ng		98
17) 2-Methylphenol	7.12	107	14457	3.488	ng		98
18) Hexachloroethane	7.38	117	5981	3.205	ng		91
19) n-Nitroso-di-n-propylamine	7.27	70	12228	3.119	ng		91
20) 3+4-Methylphenols	7.27	107	18406	3.510	ng	#	76
22) Acetophenone	7.27	105	26749	4.010	ng		96
24) Nitrobenzene	7.45	77	16863	3.959	ng		97
25) Isophorone	7.69	82	31223	3.591	ng		98
26) 2-Nitrophenol	7.77	139	8543	9.178	ng		100
27) 2,4-Dimethylphenol	7.80	122	15202	3.900	ng		94
28) bis(2-Chloroethoxy)methane	7.90	93	20357	3.579	ng		99
29) 2,4-Dichlorophenol	8.01	162	14624	3.930	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	16013	3.978	ng		96
31) Naphthalene	8.17	128	52963	4.020	ng		98
32) Benzoic acid	7.87	122	1690	9.826	ng	#	62
34) Hexachlorobutadiene	8.29	225	9629	4.023	ng		92
35) Caprolactam	8.55	113	4260	3.336	ng		93
36) 4-Chloro-3-methylphenol	8.70	107	13855	3.467	ng		92
37) 2-Methylnaphthalene	8.86	142	38121	4.358	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	15987	4.321	ng	#	94
42) 2,4,6-Trichlorophenol	9.14	196	9597	4.093	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	10011	4.121	ng		92
45) 1,1'-Biphenyl	9.33	154	41336	4.284	ng		97
46) 2-Chloronaphthalene	9.35	162	30276	4.325	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.45	65	8463	6.638	ng		84
48) Acenaphthylene	9.77	152	45389	3.913	ng		98
49) Dimethylphthalate	9.62	163	40056	4.703	ng	#	98
50) 2,6-Dinitrotoluene	9.69	165	7025	4.167	ng	#	85
51) Acenaphthene	9.94	154	25866	3.666	ng		98
52) 3-Nitroaniline	9.86	138	4926	2.474	ng	#	92
54) Dibenzofuran	10.11	168	39804	4.025	ng		95
55) 4-Nitrophenol	10.02	139	7720	4.775	ng		96
56) 2,4-Dinitrotoluene	10.09	165	8133	3.824	ng	#	85
57) Fluorene	10.46	166	30303	4.183	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.23	232	6202	3.115	ng	#	90
59) Diethylphthalate	10.32	149	32737	3.841	ng		95
60) 4-Chlorophenyl-phenylether	10.45	204	14683	4.132	ng		90
61) 4-Nitroaniline	10.46	138	5344	2.831	ng		84
62) Azobenzene	10.60	77	26579	3.311	ng		93
64) 4,6-Dinitro-2-methylphenol	10.50	198	182	8.742	ng	#	66
65) n-Nitrosodiphenylamine	10.56	169	29270	4.891	ng		91
66) 4-Bromophenyl-phenylether	10.94	248	8277	4.486	ng	#	80
67) Hexachlorobenzene	11.00	284	8235	4.267	ng	#	84
68) Atrazine	11.09	200	7636	4.215	ng		97
69) Pentachlorophenol	11.20	266	6172	4.460	ng		92
70) Phenanthrene	11.42	178	41034	4.528	ng		98
71) Anthracene	11.47	178	36505	3.970	ng		98
72) Carbazole	11.62	167	32522	3.834	ng		99
73) Di-n-butylphthalate	11.95	149	40987	4.129	ng		98
74) Fluoranthene	12.61	202	42470	4.422	ng		96
77) Pyrene	12.84	202	44198	3.575	ng		98
79) Butylbenzylphthalate	13.45	149	17228	3.417	ng	#	95
80) Benzo(a)anthracene	14.02	228	43488	4.164	ng		98
82) Chrysene	14.06	228	43827	4.333	ng		96
83) Bis(2-ethylhexyl)phthalate	14.00	149	24018	3.622	ng	#	94
84) Di-n-octyl phthalate	14.62	149	46222	4.057	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.99	276	31324	3.829	ng		96
87) Benzo(b)fluoranthene	15.07	252	40520	4.076	ng		95
88) Benzo(k)fluoranthene	15.10	252	39561	4.212	ng		96
89) Benzo(a)pyrene	15.44	252	36565	4.149	ng	#	96
90) Dibenzo(a,h)anthracene	17.01	278	26064	3.616	ng	#	94
91) Benzo(g,h,i)perylene	17.44	276	25083	3.555	ng	#	92

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

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