Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
Data File : BF101856.D
Acq On : 3 Jan 2018 13:35
Operator : SJ/JU
Sample : PB105401BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 04 00:25:36 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : PB105401BS

Manual Integrations APPROVED
Sohil
1/4/2018 1:56:16 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	133961	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	538870	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	241807	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	443447	20.00	ng		-0.02
75) Chrysene-d12	13.95	240	288789	20.00	ng		-0.02
86) Perylene-d12	15.42	264	259222	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1000017	111.20	ng		0.00
7) Phenol-d6	6.42	99	1098339	98.13	ng		-0.01
23) Nitrobenzene-d5	7.35	82	702156	72.53	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	253258	108.69	ng		-0.02
44) 2-Fluorobiphenyl	9.12	172	1184375	75.98	ng		-0.02
78) Terphenyl-d14	12.87	244	1095233	91.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	146299	31.659	ng		97
3) Pyridine	3.32	79	352369	27.445	ng		95
4) n-Nitrosodimethylamine	3.27	42	188635	31.910	ng		99
6) Aniline	6.45	93	255550	16.430	ng	#	62
8) 2-Chlorophenol	6.56	128	352162	37.225	ng		99
9) Benzaldehyde	6.34	77	138980	16.814	ng		97
10) Phenol	6.43	94	434364	34.050	ng		94
11) bis(2-Chloroethyl)ether	6.51	93	349010	34.879	ng		96
12) 1,3-Dichlorobenzene	6.70	146	383277	35.897	ng		97
13) 1,4-Dichlorobenzene	6.79	146	394372	36.170	ng		98
14) 1,2-Dichlorobenzene	6.94	146	347306	35.388	ng		97
15) Benzyl Alcohol	6.93	79	278009	36.087	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	581744	37.987	ng	#	39
17) 2-Methylphenol	7.04	107	287901	33.084	ng	#	87
18) Hexachloroethane	7.27	117	136802	36.088	ng		95
19) n-Nitroso-di-n-propylamine	7.19	70	254857	34.673	ng		93
20) 3+4-Methylphenols	7.20	107	399085	43.278	ng	#	84
22) Acetophenone	7.19	105	456914	37.160	ng	#	96
24) Nitrobenzene	7.36	77	384714	35.908	ng		100
25) Isophorone	7.60	82	705084	36.308	ng		99
26) 2-Nitrophenol	7.68	139	198337	43.090	ng		95
27) 2,4-Dimethylphenol	7.72	122	317722	40.631	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	446044	36.159	ng		98
29) 2,4-Dichlorophenol	7.93	162	312114	40.401	ng		99
30) 1,2,4-Trichlorobenzene	7.99	180	297718	36.518	ng		97
31) Naphthalene	8.07	128	996196	36.721	ng		100
32) Benzoic acid	7.89	122	173190	35.380	ng		96
33) 4-Chloroaniline	8.15	127	125631	10.655	ng		97
34) Hexachlorobutadiene	8.17	225	173112	36.713	ng		97
35) Caprolactam	8.52	113	99427m	37.065	ng		
36) 4-Chloro-3-methylphenol	8.63	107	315527	37.160	ng		99
37) 2-Methylnaphthalene	8.76	142	650928	36.828	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	293038	35.894	ng		97
40) Hexachlorocyclopentadiene	8.90	237	47232	41.455	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	192407	39.147	ng		99
43) 2,4,5-Trichlorophenol	9.11	196	177744	33.028	ng		97
45) 1,1'-Biphenyl	9.23	154	757626	35.329	ng		98
46) 2-Chloronaphthalene	9.26	162	607068	36.997	ng		97
47) 2-Nitroaniline	9.37	65	207594	36.623	ng		91
48) Acenaphthylene	9.67	152	892708	34.445	ng		100
49) Dimethylphthalate	9.53	163	680898	35.008	ng		99
50) 2,6-Dinitrotoluene	9.61	165	145793	36.881	ng	#	86
51) Acenaphthene	9.84	154	541717	34.791	ng		99
52) 3-Nitroaniline	9.79	138	92000	18.667	ng		98
53) 2,4-Dinitrophenol	9.92	184	85385	64.336	ng	#	18
54) Dibenzofuran	10.02	168	800036	40.431	ng		99
55) 4-Nitrophenol	9.98	139	86030	40.032	ng		95
56) 2,4-Dinitrotoluene	10.03	165	209916	47.132	ng	#	96
57) Fluorene	10.36	166	632838	37.805	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	158405	40.969	ng	#	86
59) Diethylphthalate	10.23	149	675578	35.075	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	309607	38.592	ng		95
61) 4-Nitroaniline	10.41	138	149122	30.102	ng		92
62) Azobenzene	10.50	77	682455	34.203	ng		97
64) 4,6-Dinitro-2-methylphenol	10.45	198	72992	32.255	ng		84
65) n-Nitrosodiphenylamine	10.47	169	576772	35.225	ng		96
66) 4-Bromophenyl-phenylether	10.83	248	193155	38.765	ng	#	87
67) Hexachlorobenzene	10.91	284	195348	37.043	ng	#	90
68) Atrazine	11.00	200	181466	37.168	ng		97
69) Pentachlorophenol	11.12	266	124632	62.350	ng		97
70) Phenanthrene	11.32	178	902711	36.605	ng		99
71) Anthracene	11.37	178	934818	37.110	ng		100
72) Carbazole	11.54	167	813095	34.476	ng		99
73) Di-n-butylphthalate	11.84	149	1019715	35.623	ng		99
74) Fluoranthene	12.52	202	901510	34.828	ng		99
76) Benzidine	12.65	184	89122	7.307	ng		98
77) Pyrene	12.74	202	916997	42.310	ng		100
79) Butylbenzylphthalate	13.34	149	376561	38.398	ng		93
80) Benzo(a)anthracene	13.94	228	675391	35.418	ng		99
81) 3,3'-Dichlorobenzidine	13.90	252	125750	20.224	ng	#	97
82) Chrysene	13.97	228	660750	36.699	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	467586	37.644	ng		99
84) Di-n-octyl phthalate	14.50	149	718611	32.439	ng		99
85) Indeno(1,2,3-cd)pyrene	16.89	276	653100	40.734	ng		97
87) Benzo(b)fluoranthene	14.99	252	544790	34.480	ng		99
88) Benzo(k)fluoranthene	15.02	252	563303	36.668	ng		97
89) Benzo(a)pyrene	15.35	252	546393	37.513	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	541699	43.316	ng		99
91) Benzo(g,h,i)perylene	17.33	276	596191	48.145	ng		96

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

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