Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104629.D
Acq On : 19 Apr 2018 14:18
Operator : JU/SJ
Sample : PB108328BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108328BSD

Manual Integrations APPROVED
Sohil
4/20/2018 3:05:11 PM

Quant Time: Apr 19 16:25:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	133304	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	513558	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	207177	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	306292	20.00	ng		0.00
75) Chrysene-d12	13.97	240	269672	20.00	ng		-0.01
86) Perylene-d12	15.44	264	303207	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	640268	73.44	ng		0.01
7) Phenol-d6	6.45	99	750846	70.10	ng		0.00
23) Nitrobenzene-d5	7.37	82	704008	89.51	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	150398	69.98	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1139252	86.87	ng		0.00
78) Terphenyl-d14	12.92	244	895356	75.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	140810	34.663	ng	#	89
3) Pyridine	3.32	79	401015	35.111	ng	#	86
4) n-Nitrosodimethylamine	3.29	42	151816	38.026	ng	#	77
6) Aniline	6.46	93	138826	9.328	ng	#	1
8) 2-Chlorophenol	6.59	128	351874	38.240	ng		94
9) Benzaldehyde	6.35	77	217721	40.270	ng		99
10) Phenol	6.46	94	400956	35.278	ng		96
11) bis(2-Chloroethyl)ether	6.54	93	336173	37.065	ng		96
12) 1,3-Dichlorobenzene	6.75	146	384984	36.931	ng		99
13) 1,4-Dichlorobenzene	6.82	146	386916	37.234	ng		99
14) 1,2-Dichlorobenzene	6.97	146	358736	37.253	ng		99
15) Benzyl Alcohol	6.95	79	269699	33.150	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	427200	35.073	ng		84
17) 2-Methylphenol	7.06	107	277232	34.660	ng		95
18) Hexachloroethane	7.32	117	142021	38.333	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	230876	32.984	ng		92
20) 3+4-Methylphenols	7.22	107	337097	33.981	ng	#	88
22) Acetophenone	7.22	105	468382	37.045	ng		98
24) Nitrobenzene	7.39	77	357596	41.182	ng		94
25) Isophorone	7.63	82	639680	38.462	ng		98
26) 2-Nitrophenol	7.70	139	185732	52.541	ng		97
27) 2,4-Dimethylphenol	7.75	122	282700	38.515	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	409261	40.248	ng		99
29) 2,4-Dichlorophenol	7.95	162	260500	37.196	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	297991	38.771	ng		99
31) Naphthalene	8.11	128	971686	37.997	ng		99
32) Benzoic acid	7.86	122	150318m	25.667	ng		
33) 4-Chloroaniline	8.16	127	52649	4.806	ng		96
34) Hexachlorobutadiene	8.22	225	161895	38.456	ng		99
35) Caprolactam	8.53	113	83342	34.113	ng	#	81
36) 4-Chloro-3-methylphenol	8.65	107	243745	32.458	ng		98
37) 2-Methylnaphthalene	8.80	142	619987	37.481	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	262476	44.258	ng		99
40) Hexachlorocyclopentadiene	8.95	237	218060	65.678	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	163207	39.643	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	161087	34.966	ng		97
45) 1,1'-Biphenyl	9.26	154	700646	40.257	ng		100
46) 2-Chloronaphthalene	9.29	162	552165	40.166	ng		98
47) 2-Nitroaniline	9.39	65	141794	41.708	ng		90
48) Acenaphthylene	9.70	152	799989	37.090	ng		100
49) Dimethylphthalate	9.56	163	603966	36.968	ng		100
50) 2,6-Dinitrotoluene	9.63	165	133064	44.016	ng	#	84
51) Acenaphthene	9.87	154	473307	35.966	ng		99
52) 3-Nitroaniline	9.80	138	52767	14.910	ng		96
53) 2,4-Dinitrophenol	9.91	184	51473	50.570	ng	#	19
54) Dibenzofuran	10.05	168	688565	37.545	ng		99
55) 4-Nitrophenol	9.97	139	184406	66.331	ng		96
56) 2,4-Dinitrotoluene	10.03	165	165509	41.738	ng		96
57) Fluorene	10.39	166	513221	38.446	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	121645	35.393	ng		95
59) Diethylphthalate	10.26	149	559724	34.400	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	238267	40.079	ng		95
61) 4-Nitroaniline	10.41	138	101817	29.423	ng		98
62) Azobenzene	10.55	77	535343	34.438	ng		94
64) 4,6-Dinitro-2-methylphenol	10.44	198	44910	32.845	ng		92
65) n-Nitrosodiphenylamine	10.50	169	437074	41.156	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	140089	42.999	ng		90
67) Hexachlorobenzene	10.94	284	164184	44.787	ng	#	89
68) Atrazine	11.03	200	127790	39.865	ng		98
69) Pentachlorophenol	11.14	266	135909	59.927	ng		96
70) Phenanthrene	11.36	178	684014	40.101	ng		99
71) Anthracene	11.41	178	703560	40.577	ng		98
72) Carbazole	11.56	167	609513	35.974	ng		100
73) Di-n-butylphthalate	11.89	149	768211	37.117	ng		98
74) Fluoranthene	12.55	202	680619	38.191	ng		97
76) Benzidine	12.67	184	230901	21.607	ng		98
77) Pyrene	12.77	202	691116	34.575	ng		99
79) Butylbenzylphthalate	13.39	149	339909	36.095	ng		99
80) Benzo(a)anthracene	13.97	228	678924	42.142	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	170317	28.354	ng		99
82) Chrysene	14.00	228	644103	38.923	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	466437	38.508	ng		100
84) Di-n-octyl phthalate	14.57	149	845974	41.798	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.89	276	740225	52.658	ng		98
87) Benzo(b)fluoranthene	15.02	252	708084	36.976	ng		98
88) Benzo(k)fluoranthene	15.04	252	696733	38.538	ng		100
89) Benzo(a)pyrene	15.38	252	702781	41.016	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	605385	43.019	ng		98
91) Benzo(g,h,i)perylene	17.33	276	601078	44.087	ng		97

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

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