Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104657.D
Acq On : 20 Apr 2018 4:13
Operator : JU/SJ
Sample : PB108328BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Manual Integrations APPROVED
Sohil
4/20/2018 3:05:49 PM

Quant Time: Apr 20 05:20:26 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	142081	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	575298	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	248940	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	399380	20.00	ng		0.00
75) Chrysene-d12	13.98	240	268156	20.00	ng		0.00
86) Perylene-d12	15.43	264	229301	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	698678	75.19	ng		0.01
7) Phenol-d6	6.45	99	861721	75.48	ng		0.00
23) Nitrobenzene-d5	7.37	82	772546	87.69	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	203341	78.74	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1315461	83.48	ng		0.00
78) Terphenyl-d14	12.92	244	1021094	86.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	135007	31.182	ng	#	89
3) Pyridine	3.32	79	388283	31.896	ng		87
4) n-Nitrosodimethylamine	3.28	42	153257	36.015	ng	#	77
6) Aniline	6.47	93	209929	13.235	ng		98
8) 2-Chlorophenol	6.59	128	384289	39.183	ng		95
9) Benzaldehyde	6.35	77	223416	38.074	ng		98
10) Phenol	6.46	94	449211	37.083	ng		94
11) bis(2-Chloroethyl)ether	6.54	93	350910	36.300	ng		96
12) 1,3-Dichlorobenzene	6.75	146	395683	35.612	ng		98
13) 1,4-Dichlorobenzene	6.82	146	400480	36.159	ng		99
14) 1,2-Dichlorobenzene	6.97	146	369730	36.023	ng		99
15) Benzyl Alcohol	6.95	79	304237	35.085	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	443671	34.175	ng		87
17) 2-Methylphenol	7.06	107	316162	37.085	ng		96
18) Hexachloroethane	7.31	117	126040	31.918	ng		93
19) n-Nitroso-di-n-propylamine	7.22	70	245812	32.948	ng		94
20) 3+4-Methylphenols	7.22	107	372603	35.240	ng	#	56
22) Acetophenone	7.22	105	493912	34.872	ng		98
24) Nitrobenzene	7.39	77	388197	39.908	ng		98
25) Isophorone	7.63	82	704818	37.831	ng		98
26) 2-Nitrophenol	7.70	139	195299	49.318	ng		98
27) 2,4-Dimethylphenol	7.75	122	332266	40.410	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	458795	40.277	ng		99
29) 2,4-Dichlorophenol	7.95	162	313791	39.997	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	317191	36.840	ng		97
31) Naphthalene	8.11	128	1050750	36.680	ng		100
32) Benzoic acid	7.87	122	224151	34.167	ng		97
33) 4-Chloroaniline	8.16	127	80501	6.559	ng		95
34) Hexachlorobutadiene	8.22	225	167813	35.584	ng		99
35) Caprolactam	8.55	113	105543m	38.564	ng		
36) 4-Chloro-3-methylphenol	8.65	107	333628	39.660	ng		98
37) 2-Methylnaphthalene	8.80	142	695600	37.539	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	297769	41.786	ng		99
40) Hexachlorocyclopentadiene	8.95	237	79461	19.918	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	205582	41.558	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	218479	39.467	ng		98
45) 1,1'-Biphenyl	9.27	154	811603	38.809	ng		99
46) 2-Chloronaphthalene	9.29	162	633453	38.348	ng		99
47) 2-Nitroaniline	9.39	65	198639	48.627	ng		99
48) Acenaphthylene	9.71	152	949508	36.637	ng		99
49) Dimethylphthalate	9.57	163	783178	39.895	ng		100
50) 2,6-Dinitrotoluene	9.63	165	168352	46.346	ng		94
51) Acenaphthene	9.88	154	547390	34.617	ng		100
52) 3-Nitroaniline	9.80	138	87085	20.478	ng		99
53) 2,4-Dinitrophenol	9.91	184	51937	44.706	ng	#	20
54) Dibenzofuran	10.05	168	830169	37.672	ng		98
55) 4-Nitrophenol	9.97	139	255331	76.435	ng		97
56) 2,4-Dinitrotoluene	10.04	165	207091	43.463	ng		97
57) Fluorene	10.40	166	629506	39.246	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	162255	39.288	ng		94
59) Diethylphthalate	10.27	149	739519	37.825	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	295465	41.362	ng		96
61) 4-Nitroaniline	10.42	138	147412	35.452	ng		97
62) Azobenzene	10.55	77	669964	35.868	ng		95
64) 4,6-Dinitro-2-methylphenol	10.45	198	40420	24.947	ng		86
65) n-Nitrosodiphenylamine	10.50	169	591303	42.701	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	179508	42.256	ng		94
67) Hexachlorobenzene	10.94	284	192393	40.249	ng		94
68) Atrazine	11.03	200	186082	44.519	ng		99
69) Pentachlorophenol	11.14	266	173995	58.838	ng		98
70) Phenanthrene	11.36	178	847346	38.098	ng		99
71) Anthracene	11.41	178	865668	38.290	ng		100
72) Carbazole	11.57	167	780848	35.345	ng		100
73) Di-n-butylphthalate	11.89	149	1072142	39.728	ng		99
74) Fluoranthene	12.55	202	783421	33.713	ng		100
76) Benzidine	12.67	184	443661	53.429	ng		97
77) Pyrene	12.77	202	763295	38.402	ng		99
79) Butylbenzylphthalate	13.39	149	389540	41.599	ng		100
80) Benzo(a)anthracene	13.97	228	660168	41.209	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	228431	38.243	ng	#	97
82) Chrysene	14.00	228	632707	38.451	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	532039	44.172	ng		99
84) Di-n-octyl phthalate	14.57	149	845644	42.018	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.89	276	514409	36.801	ng		98
87) Benzo(b)fluoranthene	15.02	252	583902	40.318	ng		99
88) Benzo(k)fluoranthene	15.04	252	568830	41.604	ng		98
89) Benzo(a)pyrene	15.37	252	531113	40.987	ng		97
90) Dibenzo(a,h)anthracene	16.91	278	433659	40.748	ng		97
91) Benzo(g,h,i)perylene	17.33	276	413430	40.097	ng		98

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

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