Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
Data File : BF104334.D
Acq On : 7 Apr 2018 4:08
Operator : JU/SJ
Sample : PB108048BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB108048BS

Manual Integrations APPROVED
Sohil
4/9/2018 11:18:53 AM

Quant Time: Apr 07 05:18:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 06 16:44:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	138902	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	562288	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	257781	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	405166	20.00	ng		0.00
75) Chrysene-d12	13.97	240	260527	20.00	ng		0.00
86) Perylene-d12	15.43	264	249017	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	802319	88.32	ng		0.02
7) Phenol-d6	6.43	99	998016	89.42	ng		0.00
23) Nitrobenzene-d5	7.37	82	853486	99.11	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	223869	83.72	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1483471	90.91	ng		0.00
78) Terphenyl-d14	12.92	244	1069764	93.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	160350	37.882	ng		91
3) Pyridine	3.33	79	459825	38.638	ng		89
4) n-Nitrosodimethylamine	3.30	42	184877	44.440	ng		83
6) Aniline	6.47	93	226314	14.594	ng		96
8) 2-Chlorophenol	6.59	128	427204	44.556	ng		93
9) Benzaldehyde	6.35	77	113529	16.279	ng		97
10) Phenol	6.45	94	521652	44.048	ng		100
11) bis(2-Chloroethyl)ether	6.55	93	399853	42.310	ng		95
12) 1,3-Dichlorobenzene	6.75	146	440066	40.513	ng		100
13) 1,4-Dichlorobenzene	6.82	146	444933	41.092	ng		99
14) 1,2-Dichlorobenzene	6.97	146	406882	40.550	ng		99
15) Benzyl Alcohol	6.95	79	351381	41.449	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	521470	41.087	ng		93
17) 2-Methylphenol	7.06	107	354121	42.489	ng		98
18) Hexachloroethane	7.32	117	152205	39.426	ng		95
19) n-Nitroso-di-n-propylamine	7.23	70	284970	39.071	ng		92
20) 3+4-Methylphenols	7.21	107	414450	40.095	ng	#	81
22) Acetophenone	7.22	105	561335	40.549	ng		96
24) Nitrobenzene	7.39	77	422747	44.466	ng		97
25) Isophorone	7.63	82	802573	44.075	ng		98
26) 2-Nitrophenol	7.70	139	210616	54.417	ng		99
27) 2,4-Dimethylphenol	7.74	122	400740	49.866	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	506165	45.464	ng		99
29) 2,4-Dichlorophenol	7.95	162	341917	44.591	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	349156	41.491	ng		99
31) Naphthalene	8.11	128	1178976	42.108	ng		99
32) Benzoic acid	7.87	122	282159	44.004	ng		95
33) 4-Chloroaniline	8.16	127	114212	9.521	ng		97
34) Hexachlorobutadiene	8.23	225	187708	40.723	ng		98
35) Caprolactam	8.53	113	115756m	43.274	ng		
36) 4-Chloro-3-methylphenol	8.64	107	368597	44.831	ng		98
37) 2-Methylnaphthalene	8.80	142	768668	42.442	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	320936	43.492	ng		99
40) Hexachlorocyclopentadiene	8.95	237	137282	33.231	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	233226	45.530	ng		97
43) 2,4,5-Trichlorophenol	9.12	196	233494	40.733	ng		96
45) 1,1'-Biphenyl	9.27	154	906557	41.863	ng		100
46) 2-Chloronaphthalene	9.29	162	710008	41.509	ng		99
47) 2-Nitroaniline	9.39	65	213545	50.483	ng		95
48) Acenaphthylene	9.71	152	1071143	39.913	ng		99
49) Dimethylphthalate	9.57	163	843230	41.481	ng		100
50) 2,6-Dinitrotoluene	9.63	165	185985	49.445	ng		95
51) Acenaphthene	9.88	154	663943	40.548	ng		100
52) 3-Nitroaniline	9.80	138	92497	21.005	ng		97
53) 2,4-Dinitrophenol	9.90	184	61985	49.419	ng	#	19
54) Dibenzofuran	10.06	168	950130	41.637	ng		99
55) 4-Nitrophenol	9.96	139	315533	91.217	ng		91
56) 2,4-Dinitrotoluene	10.03	165	237043	48.043	ng		97
57) Fluorene	10.40	166	680735	40.984	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	184603	43.167	ng		96
59) Diethylphthalate	10.27	149	820680	40.537	ng		97
60) 4-Chlorophenyl-phenylether	10.39	204	313825	42.426	ng		97
61) 4-Nitroaniline	10.42	138	157662	36.617	ng		99
62) Azobenzene	10.55	77	778551	40.252	ng		94
64) 4,6-Dinitro-2-methylphenol	10.44	198	46643	27.367	ng		82
65) n-Nitrosodiphenylamine	10.51	169	655253	46.643	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	199972	46.401	ng		91
67) Hexachlorobenzene	10.94	284	209781	43.260	ng		95
68) Atrazine	11.04	200	201501	47.520	ng		98
69) Pentachlorophenol	11.13	266	215789	71.929	ng		97
70) Phenanthrene	11.36	178	944157	41.845	ng		99
71) Anthracene	11.41	178	970966	42.334	ng		99
72) Carbazole	11.56	167	886165	39.539	ng		100
73) Di-n-butylphthalate	11.90	149	1203433	43.956	ng		99
74) Fluoranthene	12.54	202	844226	35.811	ng		99
76) Benzidine	12.67	184	363710	41.670	ng		99
77) Pyrene	12.77	202	821154	42.522	ng		100
79) Butylbenzylphthalate	13.40	149	412576	45.349	ng		98
80) Benzo(a)anthracene	13.97	228	662868	42.589	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	236477	40.750	ng	#	97
82) Chrysene	14.00	228	677238	42.362	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	533593	45.598	ng		99
84) Di-n-octyl phthalate	14.58	149	905582	46.314	ng		97
85) Indeno(1,2,3-cd)pyrene	16.87	276	579711	42.687	ng		98
87) Benzo(b)fluoranthene	15.02	252	704207	44.776	ng		99
88) Benzo(k)fluoranthene	15.04	252	646245	43.524	ng		98
89) Benzo(a)pyrene	15.37	252	633027	44.984	ng		98
90) Dibenzo(a,h)anthracene	16.90	278	489594	42.362	ng		99
91) Benzo(g,h,i)perylene	17.32	276	452257	40.390	ng		97

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

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