Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
Data File : BF097479.D
Acq On : 8 Aug 2017 20:16
Operator : SJ/JU
Sample : PB101345BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101345BS

Manual Integrations APPROVED
Sohil
8/9/2017 7:16:27 PM

Quant Time: Aug 09 16:24:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	96317	20.00	ng		0.00
21) Naphthalene-d8	7.69	136	404178	20.00	ng		-0.01
38) Acenaphthene-d10	9.43	164	197455	20.00	ng		0.00
63) Phenanthrene-d10	10.91	188	324732	20.00	ng		0.00
75) Chrysene-d12	13.53	240	196069	20.00	ng		0.00
86) Perylene-d12	14.87	264	192377	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.01	112	812809	127.22	ng		0.00
7) Phenol-d6	6.09	99	899157	123.27	ng		0.00
23) Nitrobenzene-d5	6.98	82	603779	87.63	ng		-0.01
41) 2,4,6-Tribromophenol	10.23	330	191754	122.91	ng		0.00
44) 2-Fluorobiphenyl	8.77	172	994209	85.45	ng		0.00
78) Terphenyl-d14	12.49	244	780942	81.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	116455	43.677	ng	#	71
3) Pyridine	2.57	79	320600	39.268	ng	#	60
4) n-Nitrosodimethylamine	2.53	42	204924	45.306	ng	#	79
6) Aniline	6.07	93	283178	30.851	ng	#	87
8) 2-Chlorophenol	6.20	128	283345	41.474	ng		96
9) Benzaldehyde	5.95	77	128089	29.668	ng		91
10) Phenol	6.10	94	357630	41.336	ng		95
11) bis(2-Chloroethyl)ether	6.16	93	262854	38.413	ng		90
12) 1,3-Dichlorobenzene	6.35	146	309460	42.032	ng		99
13) 1,4-Dichlorobenzene	6.42	146	315771	43.278	ng		95
14) 1,2-Dichlorobenzene	6.57	146	265898	41.737	ng		99
15) Benzyl Alcohol	6.57	79	232181	50.277	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.70	45	547295	39.876	ng		54
17) 2-Methylphenol	6.70	107	226959	43.044	ng	#	87
18) Hexachloroethane	6.91	117	116329	43.580	ng	#	82
19) n-Nitroso-di-n-propylamine	6.85	70	224815	46.825	ng	#	83
20) 3+4-Methylphenols	6.86	107	340953	49.509	ng	#	61
22) Acetophenone	6.83	105	441998	45.538	ng		97
24) Nitrobenzene	7.00	77	321542	44.811	ng		96
25) Isophorone	7.25	82	565721	41.928	ng		97
26) 2-Nitrophenol	7.32	139	168466	43.396	ng	#	84
27) 2,4-Dimethylphenol	7.37	122	265183	41.410	ng		99
28) bis(2-Chloroethoxy)methane	7.46	93	350745	39.834	ng		99
29) 2,4-Dichlorophenol	7.57	162	256559	46.505	ng		94
30) 1,2,4-Trichlorobenzene	7.64	180	227977	43.354	ng		98
31) Naphthalene	7.71	128	819397	43.007	ng		99
32) Benzoic acid	7.56	122	193170	40.396	ng		94
33) 4-Chloroaniline	7.78	127	183493	23.669	ng		96
34) Hexachlorobutadiene	7.83	225	114277	40.993	ng		98
35) Caprolactam	8.16	113	87212m	49.300	ng		
36) 4-Chloro-3-methylphenol	8.29	107	285297	47.402	ng		89
37) 2-Methylnaphthalene	8.40	142	600956	49.818	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	215686	40.938	ng		99
40) Hexachlorocyclopentadiene	8.56	237	105100	58.938	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	144361	37.810	ng		100
43) 2,4,5-Trichlorophenol	8.75	196	144242	37.745	ng		96
45) 1,1'-Biphenyl	8.87	154	665589	39.465	ng		97
46) 2-Chloronaphthalene	8.89	162	517004	41.657	ng	#	92
47) 2-Nitroaniline	9.00	65	209936	46.610	ng		94
48) Acenaphthylene	9.30	152	798857	41.935	ng		99
49) Dimethylphthalate	9.18	163	617473	41.180	ng		100
50) 2,6-Dinitrotoluene	9.25	165	134265	42.219	ng	#	71
51) Acenaphthene	9.47	154	469668	41.856	ng		99
52) 3-Nitroaniline	9.42	138	106682	27.026	ng		89
53) 2,4-Dinitrophenol	9.54	184	116408	80.505	ng	#	72
54) Dibenzofuran	9.64	168	696243	46.583	ng		94
55) 4-Nitrophenol	9.62	139	88001m	37.488	ng		
56) 2,4-Dinitrotoluene	9.66	165	182929	50.036	ng	#	78
57) Fluorene	9.98	166	497012	44.244	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.77	232	120704	45.745	ng		98
59) Diethylphthalate	9.88	149	585652	42.573	ng		99
60) 4-Chlorophenyl-phenylether	9.97	204	200746	43.275	ng		100
61) 4-Nitroaniline	10.03	138	163361	43.554	ng		92
62) Azobenzene	10.14	77	611329	47.904	ng		91
64) 4,6-Dinitro-2-methylphenol	10.07	198	87518	43.372	ng		88
65) n-Nitrosodiphenylamine	10.10	169	486357	43.045	ng		97
66) 4-Bromophenyl-phenylether	10.46	248	136999	42.274	ng		96
67) Hexachlorobenzene	10.53	284	146445	40.297	ng	#	83
68) Atrazine	10.64	200	141557	43.691	ng		93
69) Pentachlorophenol	10.74	266	86016	57.205	ng		97
70) Phenanthrene	10.93	178	754765	43.379	ng		99
71) Anthracene	10.99	178	778242	43.671	ng		99
72) Carbazole	11.15	167	771975	44.047	ng		99
73) Di-n-butylphthalate	11.49	149	898156	41.458	ng		100
74) Fluoranthene	12.12	202	745631	43.744	ng		99
76) Benzidine	12.24	184	403015	55.396	ng	#	94
77) Pyrene	12.34	202	765213	47.672	ng		99
79) Butylbenzylphthalate	12.97	149	375998	46.050	ng	#	78
80) Benzo(a)anthracene	13.52	228	556845	43.893	ng		99
81) 3,3'-Dichlorobenzidine	13.49	252	142670	29.822	ng	#	96
82) Chrysene	13.56	228	563024	45.449	ng		99
83) Bis(2-ethylhexyl)phthalate	13.53	149	423851	39.758	ng		98
84) Di-n-octyl phthalate	14.14	149	775013	39.615	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.06	276	463346	43.620	ng		97
87) Benzo(b)fluoranthene	14.52	252	479699	41.481	ng		97
88) Benzo(k)fluoranthene	14.54	252	466460	42.330	ng		98
89) Benzo(a)pyrene	14.82	252	461647	43.618	ng		98
90) Dibenzo(a,h)anthracene	16.06	278	374612	43.162	ng		96
91) Benzo(g,h,i)perylene	16.40	276	412411	45.311	ng		97

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

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