Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF088992.D
Acq On : 14 Jul 2016 18:16
Operator : UM/SJ
Sample : PB92031BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92031BS

Manual Integrations
APPROVED
Sohil
7/15/2016 9:16:25 AM

Quant Time: Jul 15 03:07:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	60545	20.00	ng		-0.02
21) Naphthalene-d8	7.98	136	256652	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	123600	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	225579	20.00	ng		-0.02
75) Chrysene-d12	13.82	240	142174	20.00	ng		-0.03
86) Perylene-d12	15.18	264	99272	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	268001	66.34	ng		-0.01
7) Phenol-d6	6.34	99	370686	71.01	ng		-0.01
23) Nitrobenzene-d5	7.26	82	330544	67.49	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	72442	63.12	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	596264	76.20	ng		-0.02
78) Terphenyl-d14	12.78	244	510335	79.95	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	70719	35.31	ng	#	25
3) Pyridine	2.88	79	125875	21.66	ng		92
4) n-Nitrosodimethylamine	2.83	42	64696	29.14	ng		97
6) Aniline	6.34	93	164565	21.63	ng	#	49
8) 2-Chlorophenol	6.47	128	150549	34.67	ng		95
9) Benzaldehyde	6.23	77	46007	13.01	ng		94
10) Phenol	6.35	94	222167	37.29	ng		82
11) bis(2-Chloroethyl)ether	6.42	93	140833	31.70	ng		94
12) 1,3-Dichlorobenzene	6.63	146	157583	32.98	ng		96
13) 1,4-Dichlorobenzene	6.71	146	154716	32.62	ng		97
14) 1,2-Dichlorobenzene	6.86	146	151290m	34.08	ng		
15) Benzyl Alcohol	6.83	79	143718	37.41	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.98	45	179870	27.96	ng		85
17) 2-Methylphenol	6.96	107	127661	36.04	ng		93
18) Hexachloroethane	7.20	117	62034	33.82	ng		90
19) n-Nitroso-di-n-propylamine	7.11	70	114915	32.77	ng		97
20) 3+4-Methylphenols	7.12	107	180340	42.42	ng	#	76
22) Acetophenone	7.11	105	232923	37.39	ng	#	91
24) Nitrobenzene	7.28	77	172887	35.01	ng		100
25) Isophorone	7.52	82	322003	35.49	ng		97
26) 2-Nitrophenol	7.59	139	77114	38.08	ng	#	91
27) 2,4-Dimethylphenol	7.64	122	159738	37.88	ng		89
28) bis(2-Chloroethoxy)methane	7.74	93	216927	36.74	ng	#	96
29) 2,4-Dichlorophenol	7.84	162	142596	41.84	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	140307	37.51	ng		99
31) Naphthalene	8.00	128	461273	36.46	ng		99
33) 4-Chloroaniline	8.04	127	112790	20.04	ng		97
34) Hexachlorobutadiene	8.11	225	65701	32.80	ng		98
35) Caprolactam	8.42	113	39775m	34.36	ng		
36) 4-Chloro-3-methylphenol	8.54	107	164407	40.79	ng		87
37) 2-Methylnaphthalene	8.68	142	317622	38.99	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	140004	34.06	ng	#	1
40) Hexachlorocyclopentadiene	8.84	237	128529	63.70	ng		100
42) 2,4,6-Trichlorophenol	8.97	196	98422	36.31	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.02	196	101710	43.61	ng		99
45) 1,1'-Biphenyl	9.15	154	399444	39.03	ng		95
46) 2-Chloronaphthalene	9.16	162	289512	36.03	ng		95
47) 2-Nitroaniline	9.27	65	98968	34.71	ng		98
48) Acenaphthylene	9.59	152	491112	38.41	ng		99
49) Dimethylphthalate	9.46	163	383597	43.56	ng		98
50) 2,6-Dinitrotoluene	9.52	165	84414	43.25	ng		99
51) Acenaphthene	9.76	154	297508	37.96	ng		97
52) 3-Nitroaniline	9.68	138	66574	26.83	ng		95
53) 2,4-Dinitrophenol	9.78	184	11920	13.83	ng	#	68
54) Dibenzofuran	9.93	168	421634	41.11	ng		96
55) 4-Nitrophenol	9.86	139	131846	69.93	ng		90
56) 2,4-Dinitrotoluene	9.92	165	116775	45.76	ng	#	63
57) Fluorene	10.26	166	301214	38.11	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	67926	37.65	ng	#	44
59) Diethylphthalate	10.15	149	363117	41.09	ng		97
60) 4-Chlorophenyl-phenylether	10.26	204	156485	42.61	ng		95
61) 4-Nitroaniline	10.30	138	86316	36.15	ng		94
62) Azobenzene	10.42	77	435624	43.22	ng		97
64) 4,6-Dinitro-2-methylphenol	10.32	198	20632	17.10	ng		94
65) n-Nitrosodiphenylamine	10.39	169	299056	39.17	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	86903	38.23	ng	#	90
67) Hexachlorobenzene	10.81	284	87110	34.62	ng		96
68) Atrazine	10.91	200	84340	35.45	ng		92
69) Pentachlorophenol	11.00	266	54496	36.59	ng		97
70) Phenanthrene	11.22	178	524788	42.56	ng		98
71) Anthracene	11.27	178	450269	36.72	ng		99
72) Carbazole	11.43	167	444568	38.52	ng		99
73) Di-n-butylphthalate	11.77	149	602072	44.85	ng		99
74) Fluoranthene	12.40	202	491371	39.31	ng		98
76) Benzidine	12.52	184	192324	26.76	ng		97
77) Pyrene	12.63	202	495034	41.07	ng		98
79) Butylbenzylphthalate	13.26	149	224432	41.74	ng		95
80) Benzo(a)anthracene	13.81	228	345437	37.73	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	51673	15.01	ng	#	96
82) Chrysene	13.84	228	272598	30.10	ng		98
83) Bis(2-ethylhexyl)phthalate	13.82	149	272973	44.47	ng		99
84) Di-n-octyl phthalate	14.42	149	385314	36.95	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.46	276	268623	38.55	ng	#	100
87) Benzo(b)fluoranthene	14.80	252	301785m	48.46	ng		
88) Benzo(k)fluoranthene	14.83	252	184917m	34.11	ng		
89) Benzo(a)pyrene	15.12	252	229952	43.61	ng		100
90) Dibenzo(a,h)anthracene	16.47	278	223782	50.83	ng		99
91) Benzo(g,h,i)perylene	16.83	276	228227	50.09	ng		98

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

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