Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085167.D
Acq On : 3 Mar 2016 20:20
Operator : SJ/UM
Sample : PB88654BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB88654BS

Manual Integrations APPROVED
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3/4/2016 4:28:40 PM

Quant Time: Mar 04 03:16:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166856	20.00	ng		-0.01
21) Naphthalene-d8	8.26	136	692909	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	315265	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	597850	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	436650	20.00	ng		-0.01
86) Perylene-d12	15.61	264	355829	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1142428	114.85	ng		0.01
7) Phenol-d6	6.61	99	1589059	121.93	ng		0.00
23) Nitrobenzene-d5	7.54	82	1064745	82.23	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	392404	145.46	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1559711	75.24	ng		-0.01
78) Terphenyl-d14	13.09	244	1496447	79.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	163161	32.07	ng		99
3) Pyridine	3.52	79	409477	32.16	ng		99
4) n-Nitrosodimethylamine	3.46	42	210126	38.56	ng		98
6) Aniline	6.64	93	349227	19.12	ng		97
8) 2-Chlorophenol	6.77	128	472698	39.47	ng		92
9) Benzaldehyde	6.53	77	161181	23.35	ng		90
10) Phenol	6.62	94	652466m	46.74	ng		
11) bis(2-Chloroethyl)ether	6.71	93	406055	35.03	ng		91
12) 1,3-Dichlorobenzene	6.92	146	467367m	36.35	ng		
13) 1,4-Dichlorobenzene	7.00	146	485320	37.66	ng		97
14) 1,2-Dichlorobenzene	7.16	146	447014	38.23	ng		95
15) Benzyl Alcohol	7.12	79	434343	45.40	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.26	45	647655	38.76	ng		99
17) 2-Methylphenol	7.22	107	372337	38.10	ng		96
18) Hexachloroethane	7.50	117	185491	39.02	ng		93
19) n-Nitroso-di-n-propylamine	7.40	70	350116	41.22	ng		97
20) 3+4-Methylphenols	7.38	107	502753	43.44	ng	#	74
22) Acetophenone	7.38	105	600781	35.52	ng	#	91
24) Nitrobenzene	7.56	77	474820	36.10	ng		96
25) Isophorone	7.80	82	913447	38.07	ng		99
26) 2-Nitrophenol	7.88	139	233370	36.46	ng	#	71
27) 2,4-Dimethylphenol	7.91	122	451250	38.57	ng		94
28) bis(2-Chloroethoxy)methane	8.01	93	604098	45.20	ng		99
29) 2,4-Dichlorophenol	8.12	162	370994	39.32	ng		89
30) 1,2,4-Trichlorobenzene	8.21	180	409578	40.15	ng		97
31) Naphthalene	8.29	128	1360498	39.93	ng		99
32) Benzoic acid	8.02	122	248249	31.95	ng	#	87
33) 4-Chloroaniline	8.33	127	134481	9.76	ng	#	91
34) Hexachlorobutadiene	8.40	225	193246	36.41	ng		97
35) Caprolactam	8.70	113	141523m	45.93	ng		
36) 4-Chloro-3-methylphenol	8.81	107	451787	42.21	ng		93
37) 2-Methylnaphthalene	8.97	142	875820	40.06	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	350944	38.92	ng		99
40) Hexachlorocyclopentadiene	9.13	237	408296	83.96	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	274821	40.95	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	277317	43.58	ng		95
45) 1,1'-Biphenyl	9.44	154	1024467	38.04	ng		97
46) 2-Chloronaphthalene	9.46	162	751494	36.60	ng	#	92
47) 2-Nitroaniline	9.56	65	246944	38.81	ng		97
48) Acenaphthylene	9.89	152	1339747	41.93	ng		97
49) Dimethylphthalate	9.74	163	886609	36.64	ng		99
50) 2,6-Dinitrotoluene	9.80	165	196588	37.98	ng	#	75
51) Acenaphthene	10.06	154	889101	45.83	ng		98
52) 3-Nitroaniline	9.97	138	110142	17.78	ng		97
53) 2,4-Dinitrophenol	10.07	184	178218	69.06	ng	#	62
54) Dibenzofuran	10.23	168	1167966	45.95	ng		96
55) 4-Nitrophenol	10.13	139	412938	84.84	ng		87
56) 2,4-Dinitrotoluene	10.21	165	318511	48.08	ng	#	80
57) Fluorene	10.57	166	873487	43.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	214717	48.03	ng		95
59) Diethylphthalate	10.44	149	921791	39.26	ng		95
60) 4-Chlorophenyl-phenylether	10.56	204	416526	42.88	ng		94
61) 4-Nitroaniline	10.58	138	239583	41.36	ng		94
62) Azobenzene	10.72	77	1106687	47.84	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	134125	37.47	ng	#	59
65) n-Nitrosodiphenylamine	10.68	169	715791	38.49	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	248979	42.89	ng	#	90
67) Hexachlorobenzene	11.12	284	254048	41.02	ng	#	87
68) Atrazine	11.20	200	248303	48.01	ng		99
69) Pentachlorophenol	11.30	266	270082	78.57	ng		99
70) Phenanthrene	11.53	178	1365345	43.58	ng		99
71) Anthracene	11.58	178	1222306	36.75	ng		99
72) Carbazole	11.73	167	1173498	40.24	ng		98
73) Di-n-butylphthalate	12.06	149	1398543	37.93	ng		99
74) Fluoranthene	12.72	202	1307693	41.59	ng		94
76) Benzidine	12.84	184	336799	25.92	ng		98
77) Pyrene	12.95	202	1389545	42.28	ng		99
79) Butylbenzylphthalate	13.56	149	588891	39.49	ng		100
80) Benzo(a)anthracene	14.13	228	1053511	40.30	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	155199	18.82	ng	#	96
82) Chrysene	14.17	228	1028227	42.58	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	820650	41.82	ng		100
84) Di-n-octyl phthalate	14.73	149	1399043	46.81	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	722294	38.33	ng		100
87) Benzo(b)fluoranthene	15.18	252	1091051	46.00	ng		99
88) Benzo(k)fluoranthene	15.21	252	677758m	35.43	ng		
89) Benzo(a)pyrene	15.56	252	815532	41.49	ng		99
90) Dibenzo(a,h)anthracene	17.10	278	611143	36.43	ng		98
91) Benzo(g,h,i)perylene	17.53	276	587205	34.81	ng		99

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

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