Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085886.D
Acq On : 30 Mar 2016 15:11
Operator : UM/SJ
Sample : PB89280BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89280BS

Manual Integrations APPROVED
Sohil
3/31/2016 4:51:37 PM

Quant Time: Mar 31 03:16:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	98875	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	400308	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	187245	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	353908	20.00	ng		0.00
75) Chrysene-d12	13.96	240	258634	20.00	ng		-0.01
86) Perylene-d12	15.37	264	171071	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	493867	83.19	ng		0.00
7) Phenol-d6	6.44	99	617925	81.86	ng		-0.01
23) Nitrobenzene-d5	7.36	82	567116	79.78	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	152638	85.80	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1061095	94.68	ng		0.00
78) Terphenyl-d14	12.91	244	900188	71.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	85839	30.28	ng		99
3) Pyridine	3.11	79	296999	43.70	ng		99
4) n-Nitrosodimethylamine	3.06	42	111989	41.16	ng		99
6) Aniline	6.47	93	60859	5.99	ng	#	90
8) 2-Chlorophenol	6.58	128	286184	41.49	ng		97
9) Benzaldehyde	6.34	77	71835	15.79	ng		97
10) Phenol	6.45	94	314358	36.76	ng		99
11) bis(2-Chloroethyl)ether	6.54	93	266212	40.45	ng		94
12) 1,3-Dichlorobenzene	6.73	146	279709m	37.66	ng		
13) 1,4-Dichlorobenzene	6.81	146	289649	38.45	ng		98
14) 1,2-Dichlorobenzene	6.97	146	262562	37.40	ng		97
15) Benzyl Alcohol	6.95	79	192200	38.16	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	321561	36.83	ng		88
17) 2-Methylphenol	7.06	107	236299	42.79	ng		99
18) Hexachloroethane	7.30	117	104226	37.79	ng	#	82
19) n-Nitroso-di-n-propylamine	7.21	70	170964	37.83	ng	#	92
20) 3+4-Methylphenols	7.22	107	289214	43.56	ng	#	68
22) Acetophenone	7.21	105	361300	38.74	ng	#	95
24) Nitrobenzene	7.38	77	292254	39.88	ng		97
25) Isophorone	7.62	82	523689	38.24	ng		98
26) 2-Nitrophenol	7.70	139	153461	41.86	ng		97
27) 2,4-Dimethylphenol	7.75	122	278671	43.49	ng		96
28) bis(2-Chloroethoxy)methane	7.84	93	344846	44.20	ng		99
29) 2,4-Dichlorophenol	7.94	162	219455	40.74	ng		94
30) 1,2,4-Trichlorobenzene	8.02	180	227029	37.96	ng		99
31) Naphthalene	8.10	128	780391	38.69	ng		99
32) Benzoic acid	7.88	122	149030	35.02	ng		98
33) 4-Chloroaniline	8.17	127	20470	2.49	ng		97
34) Hexachlorobutadiene	8.22	225	119193	36.67	ng		98
35) Caprolactam	8.53	113	71494m	37.47	ng		
36) 4-Chloro-3-methylphenol	8.65	107	253397	40.27	ng		98
37) 2-Methylnaphthalene	8.80	142	546932	47.01	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	202495	36.47	ng		99
40) Hexachlorocyclopentadiene	8.95	237	164680	72.17	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	149968	39.99	ng		96
43) 2,4,5-Trichlorophenol	9.13	196	151925	38.63	ng		98
45) 1,1'-Biphenyl	9.26	154	603313	38.18	ng		99
46) 2-Chloronaphthalene	9.29	162	470047	40.46	ng		97
47) 2-Nitroaniline	9.38	65	126726	35.67	ng		86
48) Acenaphthylene	9.70	152	809778	42.78	ng		99
49) Dimethylphthalate	9.57	163	569187	40.07	ng		100
50) 2,6-Dinitrotoluene	9.64	165	125637	41.09	ng	#	65
51) Acenaphthene	9.88	154	473337	40.93	ng		99
52) 3-Nitroaniline	9.81	138	18336	5.24	ng		85
53) 2,4-Dinitrophenol	9.91	184	112748	73.51	ng		97
54) Dibenzofuran	10.05	168	679982	45.43	ng		98
55) 4-Nitrophenol	9.98	139	174693	76.61	ng	#	81
56) 2,4-Dinitrotoluene	10.04	165	152016	39.11	ng	#	52
57) Fluorene	10.39	166	545340	43.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	118484	43.35	ng		97
59) Diethylphthalate	10.26	149	566687	40.38	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	236620	38.90	ng		98
61) 4-Nitroaniline	10.41	138	87666	26.19	ng		94
62) Azobenzene	10.54	77	589013	43.67	ng		99
64) 4,6-Dinitro-2-methylphenol	10.45	198	89435	43.15	ng	#	71
65) n-Nitrosodiphenylamine	10.50	169	305760	27.28	ng		98
66) 4-Bromophenyl-phenylether	10.87	248	154631	42.71	ng		93
67) Hexachlorobenzene	10.94	284	162137	42.82	ng		99
68) Atrazine	11.03	200	87637	23.16	ng		99
69) Pentachlorophenol	11.13	266	153183	82.40	ng		99
70) Phenanthrene	11.35	178	814062	44.80	ng		99
71) Anthracene	11.40	178	756349	39.65	ng		100
72) Carbazole	11.56	167	424081	26.48	ng		99
73) Di-n-butylphthalate	11.89	149	906710	41.25	ng		100
74) Fluoranthene	12.54	202	800709	41.45	ng		89
76) Benzidine	12.67	184	24448	2.68	ng		98
77) Pyrene	12.76	202	794782	37.38	ng		99
79) Butylbenzylphthalate	13.39	149	370023	41.56	ng		98
80) Benzo(a)anthracene	13.95	228	622547	42.21	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	28183	2.75	ng		98
82) Chrysene	13.99	228	617989	41.60	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	451012	42.31	ng		98
84) Di-n-octyl phthalate	14.55	149	720624	45.46	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	471602	41.11	ng		99
87) Benzo(b)fluoranthene	14.97	252	550800m	51.11	ng		
88) Benzo(k)fluoranthene	15.00	252	467256m	48.09	ng		
89) Benzo(a)pyrene	15.32	252	462929	48.38	ng		99
90) Dibenzo(a,h)anthracene	16.76	278	407147	45.79	ng		97
91) Benzo(g,h,i)perylene	17.17	276	392062	43.55	ng		94

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

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