Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085429.D
Acq On : 14 Mar 2016 15:22
Operator : UM/SJ
Sample : PB88829BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88829BS

Manual Integrations APPROVED
Sohil
3/15/2016 2:09:08 PM

Quant Time: Mar 15 02:11:06 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	6.93	152	158574	20.00	ng		-0.06
21) Naphthalene-d8	8.21	136	629180	20.00	ng		-0.06
38) Acenaphthene-d10	9.97	164	298949	20.00	ng		-0.06
63) Phenanthrene-d10	11.45	188	557362	20.00	ng		-0.06
75) Chrysene-d12	14.09	240	306158	20.00	ng		-0.06
86) Perylene-d12	15.55	264	259617	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	615522	65.11	ng		-0.05
7) Phenol-d6	6.55	99	759168	61.29	ng		-0.06
23) Nitrobenzene-d5	7.49	82	698591	59.42	ng		-0.06
41) 2,4,6-Tribromophenol	10.76	330	168470	65.86	ng		-0.06
44) 2-Fluorobiphenyl	9.29	172	1191407	60.61	ng		-0.06
78) Terphenyl-d14	13.03	244	934929	70.89	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	118687	24.55	ng		98
3) Pyridine	3.42	79	353309	29.20	ng		98
4) n-Nitrosodimethylamine	3.36	42	151969	29.35	ng		98
6) Aniline	6.58	93	160479	9.24	ng		95
8) 2-Chlorophenol	6.71	128	357639	31.42	ng		89
9) Benzaldehyde	6.47	77	86917	11.51	ng		87
10) Phenol	6.56	94	393908m	29.69	ng		
11) bis(2-Chloroethyl)ether	6.65	93	308434	27.99	ng		94
12) 1,3-Dichlorobenzene	6.86	146	345701m	28.29	ng		
13) 1,4-Dichlorobenzene	6.94	146	357053	29.16	ng		98
14) 1,2-Dichlorobenzene	7.10	146	339724	30.57	ng		93
15) Benzyl Alcohol	7.06	79	314293	34.57	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	407815	25.68	ng		99
17) 2-Methylphenol	7.18	107	304373	32.77	ng		98
18) Hexachloroethane	7.44	117	133591	29.57	ng	#	90
19) n-Nitroso-di-n-propylamine	7.34	70	253325	31.38	ng		96
20) 3+4-Methylphenols	7.33	107	344425	31.31	ng	#	82
22) Acetophenone	7.33	105	457327	29.78	ng	#	90
24) Nitrobenzene	7.51	77	377452	31.60	ng	#	87
25) Isophorone	7.75	82	674872	30.97	ng	#	94
26) 2-Nitrophenol	7.83	139	172140	29.62	ng		99
27) 2,4-Dimethylphenol	7.86	122	359154	33.81	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	401933	33.12	ng		100
29) 2,4-Dichlorophenol	8.07	162	288036	33.62	ng		98
30) 1,2,4-Trichlorobenzene	8.15	180	288751	31.18	ng		99
31) Naphthalene	8.23	128	951420	30.75	ng		99
32) Benzoic acid	7.97	122	184346	26.13	ng		99
33) 4-Chloroaniline	8.28	127	62558	5.00	ng		95
34) Hexachlorobutadiene	8.36	225	150047	31.13	ng		100
35) Caprolactam	8.64	113	88867	31.76	ng		99
36) 4-Chloro-3-methylphenol	8.77	107	333288	34.29	ng		91
37) 2-Methylnaphthalene	8.93	142	692808	34.90	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	244661	28.62	ng		99
40) Hexachlorocyclopentadiene	9.08	237	202822	43.98	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	195465	30.71	ng		97
43) 2,4,5-Trichlorophenol	9.25	196	200896	33.29	ng	#	88
45) 1,1'-Biphenyl	9.38	154	721058	28.23	ng		98
46) 2-Chloronaphthalene	9.42	162	579141	29.75	ng		98
47) 2-Nitroaniline	9.51	65	190206	31.53	ng	#	67
48) Acenaphthylene	9.83	152	988332	32.62	ng		98
49) Dimethylphthalate	9.69	163	707806	30.85	ng		99
50) 2,6-Dinitrotoluene	9.75	165	157722	32.13	ng		98
51) Acenaphthene	10.00	154	636113	34.58	ng		99
52) 3-Nitroaniline	9.91	138	74189	12.63	ng	#	75
53) 2,4-Dinitrophenol	10.02	184	114864	49.51	ng	#	51
54) Dibenzofuran	10.17	168	842391	34.95	ng		99
55) 4-Nitrophenol	10.08	139	288941	62.60	ng		86
56) 2,4-Dinitrotoluene	10.15	165	184344	29.34	ng	#	83
57) Fluorene	10.52	166	649752	34.32	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	143920	33.95	ng		99
59) Diethylphthalate	10.39	149	725503	32.58	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	283160	30.74	ng		95
61) 4-Nitroaniline	10.53	138	136598	24.87	ng		97
62) Azobenzene	10.66	77	674908	30.77	ng		98
64) 4,6-Dinitro-2-methylphenol	10.56	198	85536	25.63	ng		87
65) n-Nitrosodiphenylamine	10.63	169	549013	31.67	ng		99
66) 4-Bromophenyl-phenylether	11.00	248	173745	32.10	ng		96
67) Hexachlorobenzene	11.06	284	179533	31.10	ng	#	91
68) Atrazine	11.16	200	201477	41.79	ng		93
69) Pentachlorophenol	11.26	266	203124	63.38	ng		99
70) Phenanthrene	11.48	178	895825	30.67	ng		99
71) Anthracene	11.53	178	957245	30.87	ng		99
72) Carbazole	11.68	167	836715	30.77	ng		99
73) Di-n-butylphthalate	12.01	149	1108159	32.24	ng		98
74) Fluoranthene	12.67	202	854439	29.15	ng		99
76) Benzidine	12.78	184	234283	25.71	ng		98
77) Pyrene	12.89	202	840755	36.49	ng		99
79) Butylbenzylphthalate	13.51	149	411693	39.37	ng	#	80
80) Benzo(a)anthracene	14.08	228	556437	30.36	ng		98
81) 3,3'-Dichlorobenzidine	14.04	252	103285	17.86	ng		99
82) Chrysene	14.12	228	530127	31.31	ng		100
83) Bis(2-ethylhexyl)phthalate	14.07	149	516655	37.55	ng	#	97
84) Di-n-octyl phthalate	14.68	149	728239	34.75	ng		99
85) Indeno(1,2,3-cd)pyrene	17.00	276	545349	41.27	ng		96
87) Benzo(b)fluoranthene	15.12	252	492574	28.47	ng	#	95
88) Benzo(k)fluoranthene	15.15	252	429865m	30.80	ng		
89) Benzo(a)pyrene	15.48	252	462150	32.23	ng	#	95
90) Dibenzo(a,h)anthracene	17.01	278	455156	37.18	ng		98
91) Benzo(g,h,i)perylene	17.43	276	453084	36.81	ng		98

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

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