Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087423.D
Acq On : 26 May 2016 23:34
Operator : UM/SJ
Sample : PB90911BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90911BSD

Manual Integrations APPROVED
sohil
5/27/2016 7:37:54 PM

Quant Time: May 27 02:30:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	100293	20.00	ng		-0.01
21) Naphthalene-d8	9.53	136	400663	20.00	ng		-0.02
38) Acenaphthene-d10	12.37	164	191280	20.00	ng		-0.02
63) Phenanthrene-d10	14.77	188	371578	20.00	ng		-0.01
75) Chrysene-d12	18.46	240	290552	20.00	ng		-0.02
86) Perylene-d12	20.13	264	217486	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	491247	86.07	ng		0.01
7) Phenol-d6	7.06	99	631178	81.84	ng		-0.01
23) Nitrobenzene-d5	8.42	82	626883	78.85	ng		-0.02
41) 2,4,6-Tribromophenol	13.66	330	146607	79.76	ng		-0.02
44) 2-Fluorobiphenyl	11.31	172	1060211	78.14	ng		-0.02
78) Terphenyl-d14	17.12	244	1074348	78.61	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.91	88	97870	32.50	ng	#	69
3) Pyridine	2.49	79	229732	34.89	ng	#	65
4) n-Nitrosodimethylamine	2.46	42	212750	41.94	ng	#	42
6) Aniline	7.02	93	217745	21.82	ng		91
8) 2-Chlorophenol	7.19	128	292577	41.10	ng		91
9) Benzaldehyde	6.84	77	36207	8.50	ng		92
10) Phenol	7.07	94	369460	43.87	ng		75
11) bis(2-Chloroethyl)ether	7.14	93	281535	41.30	ng		85
12) 1,3-Dichlorobenzene	7.40	146	305881	39.40	ng	#	95
13) 1,4-Dichlorobenzene	7.53	146	312205m	39.17	ng		
14) 1,2-Dichlorobenzene	7.76	146	295118	40.03	ng		96
15) Benzyl Alcohol	7.80	79	244495	43.48	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.00	45	560500	36.54	ng		86
17) 2-Methylphenol	8.02	107	235008	41.20	ng	#	88
18) Hexachloroethane	8.28	117	117869	39.64	ng	#	86
19) n-Nitroso-di-n-propylamine	8.23	70	236243	41.07	ng	#	72
20) 3+4-Methylphenols	8.28	107	302519	43.87	ng	#	60
22) Acetophenone	8.19	105	419933	43.87	ng	#	97
24) Nitrobenzene	8.44	77	343554	40.94	ng		95
25) Isophorone	8.84	82	585650	41.08	ng		99
26) 2-Nitrophenol	8.96	139	149724	43.65	ng	#	76
27) 2,4-Dimethylphenol	9.11	122	265781	44.63	ng		88
28) bis(2-Chloroethoxy)methane	9.23	93	348547	43.40	ng		99
29) 2,4-Dichlorophenol	9.38	162	239867	44.70	ng		98
30) 1,2,4-Trichlorobenzene	9.46	180	249254	40.57	ng		97
31) Naphthalene	9.56	128	835478	41.61	ng		99
32) Benzoic acid	9.42	122	118613	39.81	ng	#	78
33) 4-Chloroaniline	9.74	127	79551	10.76	ng	#	90
34) Hexachlorobutadiene	9.78	225	147697	39.55	ng		97
35) Caprolactam	10.33	113	73215m	46.74	ng		
36) 4-Chloro-3-methylphenol	10.59	107	278496	45.90	ng		94
37) 2-Methylnaphthalene	10.70	142	537756	42.87	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	236961	38.70	ng		98
40) Hexachlorocyclopentadiene	10.95	237	166112	67.59	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	142796	40.40	ng		95
43) 2,4,5-Trichlorophenol	11.29	196	145790	40.51	ng	#	91
45) 1,1'-Biphenyl	11.46	154	670899	41.66	ng		97
46) 2-Chloronaphthalene	11.48	162	501911	40.74	ng		97
47) 2-Nitroaniline	11.70	65	203218	45.78	ng	#	81
48) Acenaphthylene	12.14	152	812280	41.64	ng		99
49) Dimethylphthalate	12.02	163	622760	40.64	ng		99
50) 2,6-Dinitrotoluene	12.11	165	131417	42.56	ng	#	81
51) Acenaphthene	12.42	154	501816	41.86	ng		98
52) 3-Nitroaniline	12.39	138	64093	20.23	ng		89
53) 2,4-Dinitrophenol	12.58	184	112766	72.07	ng	#	83
54) Dibenzofuran	12.71	168	736575	45.38	ng		96
55) 4-Nitrophenol	12.78	139	118206	78.20	ng	#	42
56) 2,4-Dinitrotoluene	12.78	165	186375	45.16	ng	#	90
57) Fluorene	13.26	166	584681	41.54	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.95	232	126133	45.56	ng		97
59) Diethylphthalate	13.17	149	605837	40.67	ng		99
60) 4-Chlorophenyl-phenylether	13.29	204	274511	39.99	ng		90
61) 4-Nitroaniline	13.38	138	122976	41.58	ng	#	60
62) Azobenzene	13.54	77	725085	46.92	ng		85
64) 4,6-Dinitro-2-methylphenol	13.44	198	92732	39.25	ng	#	66
65) n-Nitrosodiphenylamine	13.50	169	505575	42.07	ng		99
66) 4-Bromophenyl-phenylether	14.07	248	158493	38.99	ng		95
67) Hexachlorobenzene	14.14	284	168832	39.71	ng	#	64
68) Atrazine	14.42	200	160641	41.94	ng		93
69) Pentachlorophenol	14.50	266	88139	67.73	ng		97
70) Phenanthrene	14.80	178	882832	42.89	ng		99
71) Anthracene	14.89	178	901452	43.35	ng		99
72) Carbazole	15.18	167	796177	44.90	ng		98
73) Di-n-butylphthalate	15.76	149	939258	40.96	ng	#	99
74) Fluoranthene	16.56	202	888407	43.04	ng		98
76) Benzidine	16.80	184	210930	28.21	ng		96
77) Pyrene	16.87	202	903527	43.20	ng		99
79) Butylbenzylphthalate	17.78	149	383740	41.37	ng	#	74
80) Benzo(a)anthracene	18.45	228	714280	43.22	ng		98
81) 3,3'-Dichlorobenzidine	18.43	252	105152	11.52	ng		99
82) Chrysene	18.49	228	712129	43.42	ng		100
83) Bis(2-ethylhexyl)phthalate	18.53	149	496956	36.72	ng	#	95
84) Di-n-octyl phthalate	19.30	149	753004	36.48	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.35	276	531529	40.42	ng		94
87) Benzo(b)fluoranthene	19.73	252	581538	41.98	ng	#	94
88) Benzo(k)fluoranthene	19.75	252	555954m	46.62	ng		
89) Benzo(a)pyrene	20.07	252	533794	44.55	ng		97
90) Dibenzo(a,h)anthracene	21.36	278	443093	43.36	ng	#	92
91) Benzo(g,h,i)perylene	21.70	276	446354	44.27	ng	#	89

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

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