Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012716\
Data File : BF084619.D
Acq On : 27 Jan 2016 14:15
Operator : SJ/IZ
Sample : PB87993BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87993BS

Manual Integrations APPROVED
mohammad
1/28/2016 2:21:44 PM

Quant Time: Jan 27 17:57:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	202762	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	835043	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	426348	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	805463	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	674038	20.00	ng		0.00
86) Perylene-d12	15.28	264	545356	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1070942	85.43	ng		0.01
7) Phenol-d6	6.38	99	1362549	86.54	ng		-0.01
23) Nitrobenzene-d5	7.31	82	1254558	83.62	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	388951	90.36	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2035818	83.92	ng		0.00
78) Terphenyl-d14	12.84	244	2312354	76.58	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	186391	31.39	ng	#	71
3) Pyridine	3.02	79	413624	24.98	ng	#	69
4) n-Nitrosodimethylamine	2.98	42	240336	28.28	ng	#	68
6) Aniline	6.40	93	406091	17.63	ng	#	21
8) 2-Chlorophenol	6.52	128	574192	40.37	ng		91
9) Benzaldehyde	6.28	77	33519	3.27	ng		98
10) Phenol	6.40	94	646736	36.13	ng		77
11) bis(2-Chloroethyl)ether	6.48	93	514653	37.11	ng	#	83
12) 1,3-Dichlorobenzene	6.67	146	555199m	37.84	ng		
13) 1,4-Dichlorobenzene	6.75	146	559194	38.01	ng		97
14) 1,2-Dichlorobenzene	6.91	146	565542	40.14	ng		97
15) Benzyl Alcohol	6.89	79	471411	35.59	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.02	45	848043	33.58	ng		87
17) 2-Methylphenol	7.01	107	501928	42.11	ng	#	93
18) Hexachloroethane	7.25	117	230002	39.09	ng	#	85
19) n-Nitroso-di-n-propylamine	7.16	70	391502	36.73	ng	#	73
20) 3+4-Methylphenols	7.16	107	608244	43.41	ng	#	68
22) Acetophenone	7.15	105	819040	40.79	ng		98
24) Nitrobenzene	7.32	77	585287	38.46	ng		94
25) Isophorone	7.57	82	1157696	40.34	ng		96
26) 2-Nitrophenol	7.64	139	305357	44.09	ng	#	84
27) 2,4-Dimethylphenol	7.70	122	572574	40.84	ng		88
28) bis(2-Chloroethoxy)methane	7.79	93	704549	40.20	ng	#	96
29) 2,4-Dichlorophenol	7.89	162	527617	45.18	ng		96
30) 1,2,4-Trichlorobenzene	7.97	180	510599	42.35	ng	#	94
31) Naphthalene	8.04	128	1564202	41.29	ng		99
32) Benzoic acid	7.84	122	383008	43.19	ng		95
33) 4-Chloroaniline	8.10	127	167414	9.64	ng		98
34) Hexachlorobutadiene	8.17	225	291108	42.01	ng		99
35) Caprolactam	8.49	113	202204m	51.36	ng		
36) 4-Chloro-3-methylphenol	8.60	107	597835	45.70	ng		99
37) 2-Methylnaphthalene	8.74	142	1135209	41.74	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	493061	40.23	ng		98
40) Hexachlorocyclopentadiene	8.90	237	537581	72.65	ng		98

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Quant Time: Jan 27 17:57:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	378481	41.27	ng		94
43) 2,4,5-Trichlorophenol	9.07	196	353633	40.23	ng	#	87
45) 1,1'-Biphenyl	9.21	154	1477139	43.59	ng		98
46) 2-Chloronaphthalene	9.23	162	1099632	41.31	ng		91
47) 2-Nitroaniline	9.33	65	396478	45.13	ng	#	71
48) Acenaphthylene	9.64	152	1683674	42.82	ng		97
49) Dimethylphthalate	9.52	163	1319027	43.28	ng	#	90
50) 2,6-Dinitrotoluene	9.57	165	295825	44.25	ng	#	60
51) Acenaphthene	9.81	154	1096785	41.58	ng		98
52) 3-Nitroaniline	9.73	138	135724	16.38	ng		97
53) 2,4-Dinitrophenol	9.85	184	293096	101.91	ng	#	81
54) Dibenzofuran	9.98	168	1434761	41.79	ng		91
55) 4-Nitrophenol	9.93	139	547111	90.99	ng		95
56) 2,4-Dinitrotoluene	9.97	165	361933	42.78	ng	#	74
57) Fluorene	10.33	166	1217773	46.16	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	338678	45.12	ng		87
59) Diethylphthalate	10.21	149	1301649	43.31	ng		98
60) 4-Chlorophenyl-phenylether	10.32	204	517924	46.78	ng	#	87
61) 4-Nitroaniline	10.36	138	345177	46.75	ng		89
62) Azobenzene	10.48	77	1325238	40.21	ng		86
64) 4,6-Dinitro-2-methylphenol	10.38	198	236422	48.51	ng		92
65) n-Nitrosodiphenylamine	10.44	169	1006574	39.09	ng		98
66) 4-Bromophenyl-phenylether	10.81	248	349289	40.29	ng	#	79
67) Hexachlorobenzene	10.88	284	416022	42.64	ng	#	87
68) Atrazine	10.98	200	398347	47.27	ng		96
69) Pentachlorophenol	11.07	266	415537	82.13	ng		98
70) Phenanthrene	11.29	178	1988082	47.19	ng		97
71) Anthracene	11.33	178	1666651	40.35	ng		98
72) Carbazole	11.49	167	1584256	39.24	ng		99
73) Di-n-butylphthalate	11.84	149	2107823	50.70	ng		98
74) Fluoranthene	12.47	202	1747418	39.70	ng		99
76) Benzidine	12.59	184	743146	30.75	ng		99
77) Pyrene	12.69	202	1845638	34.89	ng		98
79) Butylbenzylphthalate	13.32	149	860284	37.59	ng		91
80) Benzo(a)anthracene	13.88	228	1696667	42.87	ng		98
81) 3,3'-Dichlorobenzidine	13.85	252	321922	23.31	ng	#	97
82) Chrysene	13.92	228	1329603	34.96	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1099166	38.01	ng		99
84) Di-n-octyl phthalate	14.50	149	2025174	41.48	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.60	276	1232158	40.87	ng		99
87) Benzo(b)fluoranthene	14.90	252	1719664m	48.20	ng		
88) Benzo(k)fluoranthene	14.92	252	1074610m	36.83	ng		
89) Benzo(a)pyrene	15.23	252	1320742	43.65	ng		97
90) Dibenzo(a,h)anthracene	16.61	278	1023100	39.29	ng		98
91) Benzo(g,h,i)perylene	17.00	276	1010334	37.47	ng		97

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

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