Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084586.D
Acq On : 22 Jan 2016 13:45
Operator : SJ/IZ
Sample : PB87895BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87895BS

Manual Integrations APPROVED
mohammad
1/25/2016 2:58:33 PM

Quant Time: Jan 22 23:10:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	192514	20.00	ng		-0.08
21) Naphthalene-d8	8.03	136	833953	20.00	ng		-0.09
38) Acenaphthene-d10	9.79	164	419969	20.00	ng		-0.08
63) Phenanthrene-d10	11.26	188	760054	20.00	ng		-0.09
75) Chrysene-d12	13.91	240	577217	20.00	ng		-0.09
86) Perylene-d12	15.30	264	468522	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1023826	86.02	ng		-0.08
7) Phenol-d6	6.40	99	1284134	85.91	ng		-0.08
23) Nitrobenzene-d5	7.31	82	1141520	76.18	ng		-0.09
41) 2,4,6-Tribromophenol	10.58	330	339160	79.99	ng		-0.09
44) 2-Fluorobiphenyl	9.12	172	1983244	82.92	ng		-0.08
78) Terphenyl-d14	12.85	244	1864266	72.09	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	197025	34.94	ng	#	75
3) Pyridine	3.04	79	385470	24.52	ng	#	64
4) n-Nitrosodimethylamine	2.99	42	226420	28.06	ng	#	70
6) Aniline	6.41	93	286128	13.08	ng	#	1
8) 2-Chlorophenol	6.53	128	570621	42.26	ng		98
9) Benzaldehyde	6.29	77	47257	4.86	ng		86
10) Phenol	6.41	94	706344	41.56	ng		98
11) bis(2-Chloroethyl)ether	6.49	93	541832m	41.15	ng		
12) 1,3-Dichlorobenzene	6.68	146	521150m	37.41	ng		
13) 1,4-Dichlorobenzene	6.76	146	558935	40.01	ng		96
14) 1,2-Dichlorobenzene	6.92	146	503290	37.62	ng		95
15) Benzyl Alcohol	6.90	79	478763	38.07	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.04	45	838410	34.97	ng		86
17) 2-Methylphenol	7.01	107	429908	37.99	ng		95
18) Hexachloroethane	7.25	117	213327	38.19	ng	#	89
19) n-Nitroso-di-n-propylamine	7.17	70	389385	38.48	ng	#	81
20) 3+4-Methylphenols	7.17	107	553902	41.64	ng	#	85
22) Acetophenone	7.16	105	732661	36.54	ng	#	97
24) Nitrobenzene	7.33	77	561427	36.94	ng		98
25) Isophorone	7.57	82	1013938	35.38	ng		98
26) 2-Nitrophenol	7.65	139	308186	44.56	ng	#	91
27) 2,4-Dimethylphenol	7.70	122	515026	36.79	ng		94
28) bis(2-Chloroethoxy)methane	7.79	93	621023	35.48	ng		99
29) 2,4-Dichlorophenol	7.89	162	434146	37.23	ng		95
30) 1,2,4-Trichlorobenzene	7.97	180	450045	37.38	ng		96
31) Naphthalene	8.05	128	1423978	37.64	ng		99
32) Benzoic acid	7.82	122	311256	36.31	ng		96
33) 4-Chloroaniline	8.11	127	137982	7.95	ng		93
34) Hexachlorobutadiene	8.18	225	277035	40.03	ng		99
35) Caprolactam	8.49	113	154025m	39.18	ng		
36) 4-Chloro-3-methylphenol	8.60	107	490749	37.57	ng		96
37) 2-Methylnaphthalene	8.75	142	1095005	40.32	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	401111	33.22	ng		98
40) Hexachlorocyclopentadiene	8.90	237	443321	60.83	ng		98

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Quant Time: Jan 22 23:10:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	310279	34.35	ng		93
43) 2,4,5-Trichlorophenol	9.08	196	332675	38.42	ng		94
45) 1,1'-Biphenyl	9.21	154	1205240	36.11	ng		99
46) 2-Chloronaphthalene	9.23	162	915133	34.91	ng		97
47) 2-Nitroaniline	9.33	65	291332	33.67	ng		98
48) Acenaphthylene	9.65	152	1512670	39.05	ng		98
49) Dimethylphthalate	9.53	163	1169499	38.95	ng	#	91
50) 2,6-Dinitrotoluene	9.58	165	272134	41.33	ng		94
51) Acenaphthene	9.82	154	1027192	39.53	ng		97
52) 3-Nitroaniline	9.74	138	103567	12.69	ng		92
53) 2,4-Dinitrophenol	9.86	184	260102	92.16	ng		92
54) Dibenzofuran	10.00	168	1328139	39.08	ng		93
55) 4-Nitrophenol	9.93	139	385112	65.02	ng	#	80
56) 2,4-Dinitrotoluene	9.98	165	322472	38.69	ng	#	85
57) Fluorene	10.34	166	1076129	41.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	257704	34.86	ng		92
59) Diethylphthalate	10.22	149	1169591	39.51	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	436562	38.65	ng	#	87
61) 4-Nitroaniline	10.36	138	231552	31.83	ng		93
62) Azobenzene	10.49	77	1158383	35.68	ng		87
64) 4,6-Dinitro-2-methylphenol	10.40	198	177089	38.15	ng		75
65) n-Nitrosodiphenylamine	10.45	169	935306	38.49	ng		98
66) 4-Bromophenyl-phenylether	10.82	248	302867	37.02	ng	#	81
67) Hexachlorobenzene	10.89	284	344525	37.42	ng	#	84
68) Atrazine	10.99	200	319403	40.16	ng		93
69) Pentachlorophenol	11.08	266	347639	72.82	ng		98
70) Phenanthrene	11.30	178	1636920	41.17	ng		99
71) Anthracene	11.34	178	1476886	37.90	ng		98
72) Carbazole	11.50	167	1382354	36.28	ng		99
73) Di-n-butylphthalate	11.85	149	1744746	42.46	ng		99
74) Fluoranthene	12.48	202	1496397	36.03	ng		99
76) Benzidine	12.60	184	436028	21.07	ng		98
77) Pyrene	12.71	202	1540206	34.00	ng		98
79) Butylbenzylphthalate	13.33	149	699610	35.69	ng		91
80) Benzo(a)anthracene	13.89	228	1310597	38.67	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	248278	20.99	ng	#	95
82) Chrysene	13.93	228	1064091	32.67	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	901898	36.42	ng		99
84) Di-n-octyl phthalate	14.51	149	1532528	36.66	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.63	276	1040708	40.31	ng		99
87) Benzo(b)fluoranthene	14.91	252	1213317m	39.59	ng		
88) Benzo(k)fluoranthene	14.93	252	867253m	34.60	ng		
89) Benzo(a)pyrene	15.24	252	997951	38.39	ng		100
90) Dibenzo(a,h)anthracene	16.64	278	874505	39.09	ng		97
91) Benzo(g,h,i)perylene	17.03	276	890058	38.42	ng		99

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

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