Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089202.D
Acq On : 22 Jul 2016 19:46
Operator : UM/SJ
Sample : PB92323BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92323BS

Manual Integrations APPROVED
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7/25/2016 6:41:30 PM

Quant Time: Jul 25 11:00:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	49295	20.00	ng		-0.02
21) Naphthalene-d8	7.87	136	205810	20.00	ng		-0.01
38) Acenaphthene-d10	9.61	164	99577	20.00	ng		-0.02
63) Phenanthrene-d10	11.08	188	198007	20.00	ng		-0.02
75) Chrysene-d12	13.71	240	139406	20.00	ng		-0.01
86) Perylene-d12	15.05	264	112653	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	419071	129.29	ng		-0.01
7) Phenol-d6	6.25	99	531305	127.11	ng		-0.02
23) Nitrobenzene-d5	7.15	82	334042	86.24	ng		-0.02
41) 2,4,6-Tribromophenol	10.41	330	121073	135.05	ng		-0.01
44) 2-Fluorobiphenyl	8.95	172	616288	85.27	ng		-0.02
78) Terphenyl-d14	12.67	244	582370	90.61	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	45489	32.32	ng	#	90
3) Pyridine	2.71	79	118109	33.04	ng		98
4) n-Nitrosodimethylamine	2.68	42	52353	34.79	ng		98
6) Aniline	6.25	93	158688	28.10	ng	#	67
8) 2-Chlorophenol	6.36	128	149377	41.53	ng	#	81
9) Benzaldehyde	6.12	77	49652	19.90	ng		99
10) Phenol	6.26	94	200149	41.56	ng		98
11) bis(2-Chloroethyl)ether	6.33	93	159975	44.23	ng		97
12) 1,3-Dichlorobenzene	6.52	146	144453m	36.37	ng		
13) 1,4-Dichlorobenzene	6.59	146	153886	38.47	ng		99
14) 1,2-Dichlorobenzene	6.75	146	153913	40.81	ng		98
15) Benzyl Alcohol	6.74	79	132269	43.21	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.88	45	168933	41.00	ng	#	56
17) 2-Methylphenol	6.87	107	120009	42.36	ng		98
18) Hexachloroethane	7.08	117	59941	39.87	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	114580	41.91	ng		99
20) 3+4-Methylphenols	7.03	107	158520	41.21	ng		94
22) Acetophenone	7.00	105	225631	41.05	ng	#	98
24) Nitrobenzene	7.18	77	165374	40.48	ng		99
25) Isophorone	7.42	82	305176	42.75	ng		99
26) 2-Nitrophenol	7.50	139	79700	41.83	ng	#	77
27) 2,4-Dimethylphenol	7.54	122	123042	38.33	ng		99
28) bis(2-Chloroethoxy)methane	7.63	93	193855	43.41	ng		100
29) 2,4-Dichlorophenol	7.74	162	125976	43.54	ng		99
30) 1,2,4-Trichlorobenzene	7.82	180	132508	41.38	ng		98
31) Naphthalene	7.88	128	420708m	37.87	ng		
32) Benzoic acid	7.70	122	87297	35.36	ng		92
33) 4-Chloroaniline	7.95	127	132512	28.37	ng		97
34) Hexachlorobutadiene	8.01	225	68774	38.58	ng		99
35) Caprolactam	8.33	113	36571m	40.70	ng		
36) 4-Chloro-3-methylphenol	8.44	107	144854	41.56	ng		97
37) 2-Methylnaphthalene	8.58	142	305035	43.06	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	125154	33.82	ng		99
40) Hexachlorocyclopentadiene	8.73	237	96605	78.18	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	84325	40.71	ng		98
43) 2,4,5-Trichlorophenol	8.91	196	97586	46.93	ng	#	93
45) 1,1'-Biphenyl	9.05	154	350121	39.04	ng		96
46) 2-Chloronaphthalene	9.06	162	270621	39.71	ng		98
47) 2-Nitroaniline	9.18	65	93699	40.08	ng	#	75
48) Acenaphthylene	9.47	152	421305	39.32	ng		99
49) Dimethylphthalate	9.36	163	336913	44.09	ng		99
50) 2,6-Dinitrotoluene	9.42	165	74707	43.30	ng	#	73
51) Acenaphthene	9.64	154	246954	38.97	ng		99
52) 3-Nitroaniline	9.59	138	62073	30.30	ng		85
53) 2,4-Dinitrophenol	9.70	184	69023	78.62	ng	#	89
54) Dibenzofuran	9.82	168	383961	44.84	ng		95
55) 4-Nitrophenol	9.78	139	82504	66.56	ng		89
56) 2,4-Dinitrotoluene	9.83	165	98762	44.44	ng	#	71
57) Fluorene	10.16	166	298744	41.10	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	71901	48.14	ng		97
59) Diethylphthalate	10.06	149	363611	47.99	ng		99
60) 4-Chlorophenyl-phenylether	10.16	204	146702	44.21	ng	#	84
61) 4-Nitroaniline	10.20	138	81183	40.73	ng		98
62) Azobenzene	10.32	77	394142	47.86	ng		92
64) 4,6-Dinitro-2-methylphenol	10.23	198	48289	41.89	ng	#	32
65) n-Nitrosodiphenylamine	10.28	169	290853	43.95	ng		98
66) 4-Bromophenyl-phenylether	10.64	248	80956	41.32	ng	#	81
67) Hexachlorobenzene	10.71	284	88520	42.00	ng	#	85
68) Atrazine	10.82	200	83726	40.46	ng		94
69) Pentachlorophenol	10.90	266	82708	85.07	ng		97
70) Phenanthrene	11.12	178	454452	41.84	ng		99
71) Anthracene	11.16	178	489901	43.39	ng		99
72) Carbazole	11.32	167	424585	42.81	ng		99
73) Di-n-butylphthalate	11.67	149	563957	45.98	ng		99
74) Fluoranthene	12.30	202	480280	42.07	ng		92
76) Benzidine	12.42	184	175663	36.65	ng		98
77) Pyrene	12.51	202	447785	38.89	ng		99
79) Butylbenzylphthalate	13.15	149	235964	48.45	ng	#	79
80) Benzo(a)anthracene	13.70	228	366949	41.33	ng		100
81) 3,3'-Dichlorobenzidine	13.67	252	99305	33.72	ng	#	96
82) Chrysene	13.74	228	353663m	41.70	ng		
83) Bis(2-ethylhexyl)phthalate	13.71	149	311622	48.24	ng	#	97
84) Di-n-octyl phthalate	14.32	149	481815	45.20	ng		98
85) Indeno(1,2,3-cd)pyrene	16.27	276	268692	43.62	ng		99
87) Benzo(b)fluoranthene	14.70	252	314505m	38.55	ng		
88) Benzo(k)fluoranthene	14.72	252	287046m	49.20	ng		
89) Benzo(a)pyrene	15.01	252	291413	46.01	ng	#	95
90) Dibenzo(a,h)anthracene	16.29	278	226584	45.31	ng	#	95
91) Benzo(g,h,i)perylene	16.64	276	219871	43.60	ng		99

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

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