Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
Data File : BF084089.D
Acq On : 24 Dec 2015 20:00
Operator : UM/SJ
Sample : PB87482BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87482BS

Manual Integrations APPROVED
Sohil
12/28/2015 1:09:49 PM

Quant Time: Dec 25 04:27:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	50486	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	192359	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	92036	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	171738	20.00	ng		0.00
75) Chrysene-d12	13.96	240	132082	20.00	ng		0.00
86) Perylene-d12	15.38	264	99046	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	339816	114.12	ng		0.01
7) Phenol-d6	6.45	99	384211	104.27	ng		0.00
23) Nitrobenzene-d5	7.37	82	254154	77.34	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	114109	116.26	ng		0.01
44) 2-Fluorobiphenyl	9.16	172	506337	75.28	ng		0.00
78) Terphenyl-d14	12.90	244	475511	65.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	37395	30.64	ng		96
3) Pyridine	3.14	79	114504	38.41	ng		99
4) n-Nitrosodimethylamine	3.09	42	48013	36.56	ng		96
6) Aniline	6.46	93	94077	20.20	ng	#	18
8) 2-Chlorophenol	6.59	128	140900	38.10	ng		94
9) Benzaldehyde	6.35	77	39707	20.15	ng		90
10) Phenol	6.46	94	139081	33.00	ng		78
11) bis(2-Chloroethyl)ether	6.53	93	109354	35.98	ng		95
12) 1,3-Dichlorobenzene	6.74	146	147255	36.47	ng		98
13) 1,4-Dichlorobenzene	6.82	146	144886m	35.66	ng		
14) 1,2-Dichlorobenzene	6.97	146	138684	37.04	ng		99
15) Benzyl Alcohol	6.96	79	112591	40.35	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	103868	34.99	ng	#	55
17) 2-Methylphenol	7.07	107	102023	35.93	ng	#	90
18) Hexachloroethane	7.31	117	53695	36.21	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	85969	37.88	ng	#	89
20) 3+4-Methylphenols	7.23	107	141410	39.04	ng	#	48
22) Acetophenone	7.21	105	181320	37.73	ng	#	92
24) Nitrobenzene	7.38	77	125601	35.99	ng		95
25) Isophorone	7.63	82	234604	38.59	ng	#	94
26) 2-Nitrophenol	7.70	139	70030	39.22	ng	#	79
27) 2,4-Dimethylphenol	7.76	122	126785	42.78	ng		94
28) bis(2-Chloroethoxy)methane	7.84	93	137187	38.71	ng		99
29) 2,4-Dichlorophenol	7.95	162	111487	40.50	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	117490	38.95	ng		96
31) Naphthalene	8.11	128	392312	38.33	ng		99
32) Benzoic acid	7.89	122	57358	40.36	ng		91
33) 4-Chloroaniline	8.16	127	47990	11.78	ng		97
34) Hexachlorobutadiene	8.22	225	63921	37.15	ng		99
35) Caprolactam	8.53	113	36276m	47.52	ng		
36) 4-Chloro-3-methylphenol	8.66	107	125047	40.40	ng		93
37) 2-Methylnaphthalene	8.80	142	259750	40.55	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	116674	40.21	ng		99
40) Hexachlorocyclopentadiene	8.96	237	69722	81.76	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	71373	37.73	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	73953	39.06	ng	#	77
45) 1,1'-Biphenyl	9.26	154	338343	40.69	ng		97
46) 2-Chloronaphthalene	9.29	162	253671	40.13	ng		95
47) 2-Nitroaniline	9.39	65	71661	42.66	ng	#	58
48) Acenaphthylene	9.70	152	388718	37.44	ng		99
49) Dimethylphthalate	9.57	163	297718	39.06	ng	#	90
50) 2,6-Dinitrotoluene	9.63	165	72173	44.61	ng	#	89
51) Acenaphthene	9.87	154	227936	37.75	ng		98
52) 3-Nitroaniline	9.80	138	32338	18.62	ng	#	74
53) 2,4-Dinitrophenol	9.92	184	44914	73.88	ng		97
54) Dibenzofuran	10.04	168	327710	39.47	ng	#	89
55) 4-Nitrophenol	9.98	139	70214	79.22	ng	#	70
56) 2,4-Dinitrotoluene	10.04	165	88353	41.37	ng		87
57) Fluorene	10.38	166	275465	39.04	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	58803	43.56	ng		97
59) Diethylphthalate	10.27	149	307607	39.73	ng		100
60) 4-Chlorophenyl-phenylether	10.37	204	116210	35.71	ng	#	79
61) 4-Nitroaniline	10.42	138	71047	44.27	ng		94
62) Azobenzene	10.53	77	270067	42.33	ng		90
64) 4,6-Dinitro-2-methylphenol	10.45	198	39181	41.10	ng		79
65) n-Nitrosodiphenylamine	10.50	169	251155	41.02	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	77695	39.05	ng	#	77
67) Hexachlorobenzene	10.93	284	82320	37.79	ng	#	72
68) Atrazine	11.02	200	71562	38.81	ng		98
69) Pentachlorophenol	11.14	266	60130	83.55	ng		99
70) Phenanthrene	11.34	178	401823	39.47	ng		99
71) Anthracene	11.40	178	420169	39.47	ng		99
72) Carbazole	11.55	167	360539	39.81	ng		99
73) Di-n-butylphthalate	11.88	149	454523	38.96	ng	#	98
74) Fluoranthene	12.53	202	446218	41.39	ng		96
76) Benzidine	12.65	184	127784	28.46	ng		99
77) Pyrene	12.76	202	450844	39.56	ng		100
79) Butylbenzylphthalate	13.38	149	204384	43.33	ng	#	80
80) Benzo(a)anthracene	13.95	228	338547	41.67	ng		100
81) 3,3'-Dichlorobenzidine	13.91	252	59679	24.26	ng	#	94
82) Chrysene	13.99	228	312415m	41.70	ng		
83) Bis(2-ethylhexyl)phthalate	13.94	149	262891	43.13	ng	#	96
84) Di-n-octyl phthalate	14.55	149	380690	44.39	ng		100
85) Indeno(1,2,3-cd)pyrene	16.77	276	281484	37.52	ng		99
87) Benzo(b)fluoranthene	14.98	252	304642m	41.42	ng		
88) Benzo(k)fluoranthene	15.00	252	229189m	45.98	ng		
89) Benzo(a)pyrene	15.32	252	249640	41.20	ng		100
90) Dibenzo(a,h)anthracene	16.77	278	234026	39.57	ng		96
91) Benzo(g,h,i)perylene	17.19	276	238720	39.55	ng		97

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

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