Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
Data File : BF084091.D
Acq On : 24 Dec 2015 20:57
Operator : UM/SJ
Sample : PB87543BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87543BS

Manual Integrations APPROVED
Sohil
12/28/2015 1:09:52 PM

Quant Time: Dec 25 04:31:38 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	52649	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	213388	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	101088	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	190530	20.00	ng		0.00
75) Chrysene-d12	13.96	240	136996	20.00	ng		0.00
86) Perylene-d12	15.38	264	109308	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	368188	118.57	ng		0.01
7) Phenol-d6	6.45	99	411625	107.12	ng		0.00
23) Nitrobenzene-d5	7.37	82	261784	71.81	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	119917	111.24	ng		0.01
44) 2-Fluorobiphenyl	9.16	172	524939	71.05	ng		0.00
78) Terphenyl-d14	12.90	244	471124	62.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	38869	30.54	ng		99
3) Pyridine	3.13	79	106439	34.24	ng		97
4) n-Nitrosodimethylamine	3.07	42	51302	37.46	ng		94
6) Aniline	6.46	93	147336	30.33	ng	#	63
8) 2-Chlorophenol	6.59	128	144353	37.43	ng		94
9) Benzaldehyde	6.35	77	39069	19.01	ng		92
10) Phenol	6.46	94	140560	31.98	ng	#	60
11) bis(2-Chloroethyl)ether	6.53	93	109234	34.47	ng		93
12) 1,3-Dichlorobenzene	6.74	146	147472	35.03	ng		98
13) 1,4-Dichlorobenzene	6.82	146	146951m	34.69	ng		
14) 1,2-Dichlorobenzene	6.97	146	137019	35.10	ng		99
15) Benzyl Alcohol	6.96	79	113529	39.01	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	104846	33.87	ng		62
17) 2-Methylphenol	7.07	107	101669	34.33	ng	#	91
18) Hexachloroethane	7.31	117	54454	35.22	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	86885	36.71	ng	#	89
20) 3+4-Methylphenols	7.23	107	143096	37.88	ng	#	49
22) Acetophenone	7.22	105	183748	34.46	ng	#	91
24) Nitrobenzene	7.39	77	128714	33.25	ng	#	84
25) Isophorone	7.63	82	236699	35.10	ng	#	94
26) 2-Nitrophenol	7.70	139	71683	36.19	ng	#	79
27) 2,4-Dimethylphenol	7.76	122	127222	38.70	ng		93
28) bis(2-Chloroethoxy)methane	7.84	93	137710	35.03	ng		100
29) 2,4-Dichlorophenol	7.95	162	110506	36.19	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	115881	34.63	ng		96
31) Naphthalene	8.11	128	395572	34.84	ng		98
32) Benzoic acid	7.89	122	57095	36.22	ng		96
33) 4-Chloroaniline	8.16	127	114409	25.33	ng		98
34) Hexachlorobutadiene	8.22	225	63795	33.43	ng		99
35) Caprolactam	8.53	113	35460m	41.87	ng		
36) 4-Chloro-3-methylphenol	8.66	107	131940	38.43	ng		98
37) 2-Methylnaphthalene	8.80	142	254453	35.80	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	115755	36.32	ng		98
40) Hexachlorocyclopentadiene	8.96	237	70136	76.79	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	69239	33.32	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	73236	35.21	ng	#	75
45) 1,1'-Biphenyl	9.26	154	337085	36.91	ng		96
46) 2-Chloronaphthalene	9.29	162	250339	36.06	ng		96
47) 2-Nitroaniline	9.39	65	72193	39.13	ng	#	61
48) Acenaphthylene	9.70	152	383207	33.61	ng		99
49) Dimethylphthalate	9.57	163	303527	36.26	ng	#	91
50) 2,6-Dinitrotoluene	9.63	165	70906	39.90	ng	#	87
51) Acenaphthene	9.87	154	224345	33.83	ng		99
52) 3-Nitroaniline	9.80	138	56038	29.38	ng	#	75
53) 2,4-Dinitrophenol	9.92	184	45047	69.28	ng		95
54) Dibenzofuran	10.04	168	326813	35.84	ng		91
55) 4-Nitrophenol	9.98	139	69849	71.76	ng	#	74
56) 2,4-Dinitrotoluene	10.04	165	88008	37.52	ng		89
57) Fluorene	10.38	166	266259	34.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	56893	38.37	ng		98
59) Diethylphthalate	10.27	149	297781	35.02	ng		100
60) 4-Chlorophenyl-phenylether	10.37	204	118636	33.19	ng	#	83
61) 4-Nitroaniline	10.42	138	73822	41.88	ng		96
62) Azobenzene	10.53	77	272256	38.86	ng		88
64) 4,6-Dinitro-2-methylphenol	10.45	198	37716	35.66	ng		83
65) n-Nitrosodiphenylamine	10.50	169	252581	37.19	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	77118	34.94	ng	#	76
67) Hexachlorobenzene	10.93	284	83443	34.53	ng	#	72
68) Atrazine	11.02	200	68320	33.40	ng		99
69) Pentachlorophenol	11.14	266	58158	73.83	ng		99
70) Phenanthrene	11.34	178	404430	35.81	ng		99
71) Anthracene	11.40	178	416632	35.28	ng		99
72) Carbazole	11.55	167	353274	35.16	ng		100
73) Di-n-butylphthalate	11.88	149	440908	34.06	ng	#	98
74) Fluoranthene	12.53	202	426173	33.96	ng		96
76) Benzidine	12.65	184	171731	36.88	ng		98
77) Pyrene	12.76	202	436363	36.92	ng		100
79) Butylbenzylphthalate	13.38	149	181212	37.04	ng	#	75
80) Benzo(a)anthracene	13.95	228	311827	37.00	ng		100
81) 3,3'-Dichlorobenzidine	13.91	252	77848	30.51	ng	#	96
82) Chrysene	13.99	228	297080	38.23	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	247788	39.20	ng	#	97
84) Di-n-octyl phthalate	14.55	149	356319	40.06	ng		100
85) Indeno(1,2,3-cd)pyrene	16.77	276	279441	35.91	ng		99
87) Benzo(b)fluoranthene	14.98	252	293197m	36.12	ng		
88) Benzo(k)fluoranthene	15.00	252	224324m	40.78	ng		
89) Benzo(a)pyrene	15.32	252	241514	36.11	ng		98
90) Dibenzo(a,h)anthracene	16.77	278	232482	35.62	ng	#	95
91) Benzo(g,h,i)perylene	17.19	276	241064	36.19	ng		97

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

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