Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082615\
Data File : BF081223.D
Acq On : 26 Aug 2015 20:47
Operator : UM/IZ
Sample : PB85176BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85176BS

Manual Integrations APPROVED
MMDadoda
8/27/2015 2:32:26 PM

Quant Time: Aug 27 01:17:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 00:52:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	53235	20.00	ng		0.00
21) Naphthalene-d8	7.81	136	213904	20.00	ng		0.00
38) Acenaphthene-d10	9.54	164	97712	20.00	ng		-0.01
63) Phenanthrene-d10	11.02	188	205119	20.00	ng		0.00
75) Chrysene-d12	13.64	240	154082	20.00	ng		0.00
86) Perylene-d12	14.95	264	123023	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	378296	106.88	ng		0.01
7) Phenol-d6	6.17	99	537585	116.41	ng		0.00
23) Nitrobenzene-d5	7.09	82	341466	72.92	ng		-0.01
41) 2,4,6-Tribromophenol	10.33	330	87338	103.11	ng		0.00
44) 2-Fluorobiphenyl	8.88	172	547144	73.37	ng		-0.01
78) Terphenyl-d14	12.59	244	480667	66.88	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.97	88	50915	30.53	ng	#	92
3) Pyridine	2.57	79	131862	28.01	ng	#	82
4) n-Nitrosodimethylamine	2.53	42	89812	34.27	ng	#	77
6) Aniline	6.17	93	174371	25.97	ng	#	67
8) 2-Chlorophenol	6.30	128	142197	36.70	ng		94
9) Benzaldehyde	6.06	77	73743	24.77	ng		88
10) Phenol	6.18	94	171826	31.51	ng		87
11) bis(2-Chloroethyl)ether	6.26	93	144972	34.64	ng		89
12) 1,3-Dichlorobenzene	6.46	146	151083	36.29	ng		98
13) 1,4-Dichlorobenzene	6.54	146	150576	36.53	ng		100
14) 1,2-Dichlorobenzene	6.69	146	140447	36.41	ng		97
15) Benzyl Alcohol	6.67	79	132864	35.56	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.81	45	294333	35.79	ng		97
17) 2-Methylphenol	6.80	107	131569	39.58	ng		97
18) Hexachloroethane	7.03	117	61861	37.14	ng		97
19) n-Nitroso-di-n-propylamine	6.95	70	115432	36.08	ng		93
20) 3+4-Methylphenols	6.96	107	172151	40.80	ng	#	43
22) Acetophenone	6.94	105	219402	39.07	ng	#	86
24) Nitrobenzene	7.11	77	180057	36.78	ng		97
25) Isophorone	7.36	82	322449	36.93	ng	#	95
26) 2-Nitrophenol	7.43	139	83363	40.94	ng	#	70
27) 2,4-Dimethylphenol	7.49	122	148664	41.27	ng		88
28) bis(2-Chloroethoxy)methane	7.58	93	211630	41.02	ng		100
29) 2,4-Dichlorophenol	7.67	162	112922	37.24	ng	#	87
30) 1,2,4-Trichlorobenzene	7.75	180	122019	36.20	ng		99
31) Naphthalene	7.83	128	447988	37.57	ng		99
32) Benzoic acid	7.62	122	91472	45.15	ng		95
33) 4-Chloroaniline	7.89	127	105372	20.94	ng	#	87
34) Hexachlorobutadiene	7.95	225	71473	37.50	ng		96
35) Caprolactam	8.26	113	45197m	42.64	ng		
36) 4-Chloro-3-methylphenol	8.38	107	138138	38.22	ng		97
37) 2-Methylnaphthalene	8.51	142	273267	36.28	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	121751	38.62	ng		98
40) Hexachlorocyclopentadiene	8.67	237	119968	73.52	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	85338	38.32	ng		97
43) 2,4,5-Trichlorophenol	8.85	196	90964	40.87	ng		99
45) 1,1'-Biphenyl	8.98	154	359578	41.78	ng		97
46) 2-Chloronaphthalene	9.01	162	252580	36.53	ng		99
47) 2-Nitroaniline	9.11	65	115335	40.76	ng	#	67
48) Acenaphthylene	9.41	152	391325	31.64	ng		98
49) Dimethylphthalate	9.29	163	296951	36.90	ng		99
50) 2,6-Dinitrotoluene	9.35	165	60510	35.02	ng	#	66
51) Acenaphthene	9.58	154	234472	31.66	ng		100
52) 3-Nitroaniline	9.51	138	54919	25.40	ng		98
53) 2,4-Dinitrophenol	9.62	184	63020	67.80	ng		86
54) Dibenzofuran	9.75	168	355714	35.85	ng		91
55) 4-Nitrophenol	9.69	139	115166	75.84	ng	#	83
56) 2,4-Dinitrotoluene	9.75	165	76431	33.38	ng	#	53
57) Fluorene	10.09	166	277597	36.37	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.87	232	68105m	39.53	ng		
59) Diethylphthalate	9.99	149	303272	35.61	ng		98
60) 4-Chlorophenyl-phenylether	10.09	204	126182	39.06	ng		99
61) 4-Nitroaniline	10.13	138	72224	32.68	ng		92
62) Azobenzene	10.25	77	409669	41.74	ng		95
64) 4,6-Dinitro-2-methylphenol	10.16	198	49021	40.02	ng	#	48
65) n-Nitrosodiphenylamine	10.22	169	278197	37.99	ng		99
66) 4-Bromophenyl-phenylether	10.57	248	67986	33.74	ng	#	62
67) Hexachlorobenzene	10.63	284	75243	36.87	ng	#	69
68) Atrazine	10.75	200	86408	42.36	ng		94
69) Pentachlorophenol	10.83	266	90413	73.84	ng		99
70) Phenanthrene	11.04	178	412754	33.95	ng		100
71) Anthracene	11.10	178	434708	36.75	ng		98
72) Carbazole	11.26	167	429101	37.68	ng		98
73) Di-n-butylphthalate	11.60	149	533855	38.74	ng		99
74) Fluoranthene	12.22	202	497204	37.90	ng		95
76) Benzidine	12.34	184	199777	34.32	ng		97
77) Pyrene	12.43	202	450518	35.97	ng		99
79) Butylbenzylphthalate	13.07	149	206715	38.39	ng	#	64
80) Benzo(a)anthracene	13.62	228	409386	39.62	ng		98
81) 3,3'-Dichlorobenzidine	13.59	252	90819	27.13	ng		97
82) Chrysene	13.66	228	364588	39.15	ng		100
83) Bis(2-ethylhexyl)phthalate	13.65	149	299545	43.43	ng		100
84) Di-n-octyl phthalate	14.25	149	501080	47.80	ng		97
85) Indeno(1,2,3-cd)pyrene	16.12	276	297796	45.55	ng	#	94
87) Benzo(b)fluoranthene	14.62	252	456188m	52.42	ng		
88) Benzo(k)fluoranthene	14.64	252	226977m	27.99	ng		
89) Benzo(a)pyrene	14.90	252	307095	40.50	ng	#	94
90) Dibenzo(a,h)anthracene	16.14	278	248626	42.08	ng		97
91) Benzo(g,h,i)perylene	16.47	276	245824	41.01	ng	#	95

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

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