Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
Data File : BF081169.D
Acq On : 24 Aug 2015 14:52
Operator : UM/IZ
Sample : PB85067BS
Misc : FOR IDOC PURPOSE
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85067BS

Manual Integrations APPROVED
MMDadoda
8/24/2015 7:10:57 PM

Quant Time: Aug 24 15:29:21 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:58:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	62466	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	266805	20.00	ng		0.00
38) Acenaphthene-d10	9.57	164	115267	20.00	ng		-0.01
63) Phenanthrene-d10	11.04	188	246049	20.00	ng		0.00
75) Chrysene-d12	13.66	240	207575	20.00	ng		0.00
86) Perylene-d12	14.99	264	149547	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	522091	125.71	ng		0.02
7) Phenol-d6	6.20	99	635253	117.23	ng		0.00
23) Nitrobenzene-d5	7.12	82	438789	75.13	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	109041	109.13	ng		0.00
44) 2-Fluorobiphenyl	8.90	172	646819	73.53	ng		0.00
78) Terphenyl-d14	12.62	244	649038	67.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	62483	31.93	ng	#	90
3) Pyridine	2.61	79	189039	34.22	ng	#	83
4) n-Nitrosodimethylamine	2.56	42	113890	37.03	ng	#	78
6) Aniline	6.21	93	181591	23.05	ng	#	1
8) 2-Chlorophenol	6.33	128	175519	38.61	ng	#	77
9) Benzaldehyde	6.08	77	25058	7.17	ng		94
10) Phenol	6.21	94	213487	33.36	ng		98
11) bis(2-Chloroethyl)ether	6.29	93	179890	36.63	ng		88
12) 1,3-Dichlorobenzene	6.48	146	186958	38.28	ng		96
13) 1,4-Dichlorobenzene	6.56	146	188760	39.03	ng		98
14) 1,2-Dichlorobenzene	6.71	146	160003	35.35	ng		99
15) Benzyl Alcohol	6.70	79	160117	36.52	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	367505	38.09	ng		98
17) 2-Methylphenol	6.82	107	163347	41.88	ng		95
18) Hexachloroethane	7.05	117	71938	36.81	ng		94
19) n-Nitroso-di-n-propylamine	6.97	70	138364	36.86	ng		92
20) 3+4-Methylphenols	6.98	107	197751	39.94	ng	#	41
22) Acetophenone	6.96	105	262060	37.41	ng	#	88
24) Nitrobenzene	7.13	77	212497	34.80	ng		97
25) Isophorone	7.38	82	381381	35.02	ng	#	94
26) 2-Nitrophenol	7.45	139	101813	40.09	ng	#	75
27) 2,4-Dimethylphenol	7.51	122	170257	37.90	ng		89
28) bis(2-Chloroethoxy)methane	7.60	93	253648	39.42	ng		98
29) 2,4-Dichlorophenol	7.69	162	137460	36.34	ng		88
30) 1,2,4-Trichlorobenzene	7.77	180	146805	34.92	ng		96
31) Naphthalene	7.85	128	551506	37.08	ng		99
32) Benzoic acid	7.65	122	116981	46.29	ng		93
33) 4-Chloroaniline	7.91	127	105267	16.78	ng	#	86
34) Hexachlorobutadiene	7.98	225	88533	37.24	ng		98
35) Caprolactam	8.29	113	58205m	44.03	ng		
36) 4-Chloro-3-methylphenol	8.40	107	166004	36.82	ng		98
37) 2-Methylnaphthalene	8.54	142	328316	34.95	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	147564	39.68	ng		98
40) Hexachlorocyclopentadiene	8.70	237	149911	77.88	ng		100

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	107220	40.81	ng		98
43) 2,4,5-Trichlorophenol	8.87	196	107692	41.01	ng		95
45) 1,1'-Biphenyl	9.01	154	443743	43.71	ng		98
46) 2-Chloronaphthalene	9.03	162	303289	37.18	ng		98
47) 2-Nitroaniline	9.12	65	125080	37.47	ng		98
48) Acenaphthylene	9.43	152	491031	33.65	ng		99
49) Dimethylphthalate	9.32	163	347748	36.63	ng		99
50) 2,6-Dinitrotoluene	9.37	165	74468	36.54	ng	#	71
51) Acenaphthene	9.60	154	289151	33.10	ng		100
52) 3-Nitroaniline	9.53	138	57598	22.58	ng		97
53) 2,4-Dinitrophenol	9.65	184	95428	83.07	ng	#	74
54) Dibenzofuran	9.77	168	429354	36.68	ng		91
55) 4-Nitrophenol	9.72	139	133799	74.69	ng	#	81
56) 2,4-Dinitrotoluene	9.77	165	99185	36.72	ng	#	61
57) Fluorene	10.12	166	334882	37.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	82491m	40.59	ng		
59) Diethylphthalate	10.01	149	384994	38.32	ng		98
60) 4-Chlorophenyl-phenylether	10.12	204	152458	40.01	ng		97
61) 4-Nitroaniline	10.15	138	98632	37.84	ng		93
62) Azobenzene	10.28	77	490187	42.34	ng		96
64) 4,6-Dinitro-2-methylphenol	10.18	198	57678	39.25	ng	#	38
65) n-Nitrosodiphenylamine	10.24	169	328498	37.40	ng		99
66) 4-Bromophenyl-phenylether	10.60	248	86602	35.83	ng	#	62
67) Hexachlorobenzene	10.66	284	96842	39.56	ng	#	82
68) Atrazine	10.77	200	74713	30.53	ng		98
69) Pentachlorophenol	10.86	266	116043	79.01	ng		99
70) Phenanthrene	11.06	178	479512	32.88	ng		99
71) Anthracene	11.12	178	558700	39.37	ng		99
72) Carbazole	11.28	167	540546	39.57	ng		98
73) Di-n-butylphthalate	11.63	149	638257	38.61	ng		99
74) Fluoranthene	12.24	202	585579	37.21	ng		95
76) Benzidine	12.37	184	160910	20.52	ng		99
77) Pyrene	12.47	202	609569	36.12	ng		98
79) Butylbenzylphthalate	13.10	149	271347	37.41	ng	#	62
80) Benzo(a)anthracene	13.65	228	509312	36.59	ng		100
81) 3,3'-Dichlorobenzidine	13.63	252	136254	30.22	ng	#	93
82) Chrysene	13.68	228	393985	31.40	ng		100
83) Bis(2-ethylhexyl)phthalate	13.67	149	386578	41.61	ng		100
84) Di-n-octyl phthalate	14.28	149	654759	46.37	ng		100
85) Indeno(1,2,3-cd)pyrene	16.16	276	337690	38.34	ng	#	93
87) Benzo(b)fluoranthene	14.64	252	505420m	47.78	ng		
88) Benzo(k)fluoranthene	14.67	252	320755m	32.54	ng		
89) Benzo(a)pyrene	14.94	252	379633	41.19	ng		99
90) Dibenzo(a,h)anthracene	16.17	278	280777	39.10	ng	#	92
91) Benzo(g,h,i)perylene	16.52	276	274378	37.66	ng	#	92

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

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