Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081248.D
Acq On : 27 Aug 2015 16:02
Operator : UM/IZ
Sample : PB85222BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85222BS

Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

Quant Time: Aug 27 23:06:17 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 22:56:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	44390	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	183930	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	86277	20.00	ng		-0.01
63) Phenanthrene-d10	11.01	188	188725	20.00	ng		0.00
75) Chrysene-d12	13.61	240	133825	20.00	ng		-0.01
86) Perylene-d12	14.94	264	113941	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	357497	121.13	ng		0.02
7) Phenol-d6	6.16	99	430088	111.69	ng		0.00
23) Nitrobenzene-d5	7.07	82	282948	70.27	ng		-0.01
41) 2,4,6-Tribromophenol	10.32	330	83644	111.84	ng		0.00
44) 2-Fluorobiphenyl	8.87	172	479646	72.84	ng		-0.01
78) Terphenyl-d14	12.58	244	463550	74.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	39408	28.34	ng		94
3) Pyridine	2.53	79	118983	30.31	ng	#	77
4) n-Nitrosodimethylamine	2.48	42	73684	33.72	ng	#	79
6) Aniline	6.16	93	129949	23.21	ng	#	54
8) 2-Chlorophenol	6.29	128	121729	37.68	ng		98
9) Benzaldehyde	6.05	77	22804	9.19	ng		87
10) Phenol	6.17	94	171008	37.60	ng		87
11) bis(2-Chloroethyl)ether	6.25	93	122781	35.19	ng		90
12) 1,3-Dichlorobenzene	6.45	146	119288	34.37	ng		95
13) 1,4-Dichlorobenzene	6.53	146	119578	34.79	ng		98
14) 1,2-Dichlorobenzene	6.67	146	120631	37.50	ng		96
15) Benzyl Alcohol	6.66	79	114661	36.80	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.80	45	240122	35.02	ng		98
17) 2-Methylphenol	6.79	107	109230	39.41	ng		95
18) Hexachloroethane	7.02	117	48920	35.23	ng		95
19) n-Nitroso-di-n-propylamine	6.94	70	93408	35.02	ng		93
20) 3+4-Methylphenols	6.95	107	138174	39.28	ng	#	42
22) Acetophenone	6.93	105	177787	36.82	ng	#	87
24) Nitrobenzene	7.10	77	151744	36.04	ng		99
25) Isophorone	7.34	82	257367	34.28	ng		99
26) 2-Nitrophenol	7.42	139	65772	37.57	ng	#	69
27) 2,4-Dimethylphenol	7.47	122	117212	37.84	ng		87
28) bis(2-Chloroethoxy)methane	7.57	93	170744	38.49	ng		99
29) 2,4-Dichlorophenol	7.66	162	95593	36.66	ng		89
30) 1,2,4-Trichlorobenzene	7.74	180	98789	34.09	ng		96
31) Naphthalene	7.82	128	368724	35.96	ng		99
32) Benzoic acid	7.61	122	75748	43.48	ng		95
33) 4-Chloroaniline	7.87	127	90928	21.02	ng	#	89
34) Hexachlorobutadiene	7.94	225	58643	35.78	ng		97
35) Caprolactam	8.25	113	40305m	44.22	ng		
36) 4-Chloro-3-methylphenol	8.37	107	119750	38.53	ng		96
37) 2-Methylnaphthalene	8.50	142	226769	35.01	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	101195	36.35	ng		98
40) Hexachlorocyclopentadiene	8.66	237	101241	70.27	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	72996	37.12	ng		99
43) 2,4,5-Trichlorophenol	8.83	196	76668	39.01	ng		98
45) 1,1'-Biphenyl	8.97	154	303843	39.98	ng		97
46) 2-Chloronaphthalene	8.98	162	206887	33.89	ng	#	90
47) 2-Nitroaniline	9.10	65	98391	39.38	ng	#	63
48) Acenaphthylene	9.39	152	343014	31.41	ng		99
49) Dimethylphthalate	9.28	163	264998	37.30	ng		99
50) 2,6-Dinitrotoluene	9.34	165	54345	35.62	ng	#	66
51) Acenaphthene	9.57	154	200172	30.62	ng		100
52) 3-Nitroaniline	9.50	138	45530	23.85	ng		95
53) 2,4-Dinitrophenol	9.61	184	55394	67.54	ng		81
54) Dibenzofuran	9.74	168	311170	35.52	ng		92
55) 4-Nitrophenol	9.68	139	86701	64.66	ng		88
56) 2,4-Dinitrotoluene	9.74	165	70254	34.74	ng	#	54
57) Fluorene	10.08	166	254860	37.81	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.86	232	62577m	41.14	ng		
59) Diethylphthalate	9.98	149	293566	39.03	ng		98
60) 4-Chlorophenyl-phenylether	10.08	204	115393	40.46	ng		96
61) 4-Nitroaniline	10.11	138	68986	35.36	ng		94
62) Azobenzene	10.24	77	370354	42.73	ng		95
64) 4,6-Dinitro-2-methylphenol	10.15	198	42602	37.80	ng	#	44
65) n-Nitrosodiphenylamine	10.21	169	253891	37.69	ng		100
66) 4-Bromophenyl-phenylether	10.56	248	65078	35.10	ng	#	65
67) Hexachlorobenzene	10.62	284	65771	35.03	ng	#	74
68) Atrazine	10.73	200	77041	41.05	ng		96
69) Pentachlorophenol	10.82	266	83940	74.51	ng		100
70) Phenanthrene	11.03	178	386062	34.52	ng		100
71) Anthracene	11.07	178	394733	36.27	ng		99
72) Carbazole	11.23	167	371761	35.48	ng		98
73) Di-n-butylphthalate	11.59	149	518216	40.87	ng		99
74) Fluoranthene	12.21	202	463392	38.39	ng		97
76) Benzidine	12.33	184	184534	36.50	ng		99
77) Pyrene	12.42	202	419248	38.54	ng		99
79) Butylbenzylphthalate	13.06	149	201858	43.17	ng	#	66
80) Benzo(a)anthracene	13.61	228	363876	40.54	ng		98
81) 3,3'-Dichlorobenzidine	13.58	252	75035	25.81	ng		99
82) Chrysene	13.65	228	354615	43.84	ng		100
83) Bis(2-ethylhexyl)phthalate	13.64	149	298008	49.75	ng		99
84) Di-n-octyl phthalate	14.24	149	499545	54.87	ng		98
85) Indeno(1,2,3-cd)pyrene	16.09	276	238952	42.08	ng	#	94
87) Benzo(b)fluoranthene	14.60	252	285694m	35.45	ng		
88) Benzo(k)fluoranthene	14.62	252	259592m	34.57	ng		
89) Benzo(a)pyrene	14.89	252	270806	38.56	ng		98
90) Dibenzo(a,h)anthracene	16.10	278	201943	36.91	ng	#	93
91) Benzo(g,h,i)perylene	16.44	276	198759	35.80	ng	#	90

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

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