Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078054.D
Acq On : 27 Mar 2015 23:35
Operator : TP/IZ
Sample : PB82381BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82381BSD

Manual Integrations APPROVED
apatel
3/30/2015 6:31:00 PM

Quant Time: Mar 28 06:30:57 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 28 05:39:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	39073	20.00	ng		0.00
21) Naphthalene-d8	8.65	136	160363	20.00	ng		0.00
38) Acenaphthene-d10	10.82	164	83509	20.00	ng		0.00
63) Phenanthrene-d10	12.65	188	158367	20.00	ng		-0.01
75) Chrysene-d12	15.93	240	171953	20.00	ng		0.00
86) Perylene-d12	17.64	264	166047	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	179324	80.11	ng		0.00
7) Phenol-d6	6.67	99	233641	84.48	ng		0.00
23) Nitrobenzene-d5	7.77	82	168424	68.85	ng		-0.01
41) 2,4,6-Tribromophenol	11.80	330	57736	72.26	ng		0.00
44) 2-Fluorobiphenyl	10.00	172	379269	66.74	ng		0.00
78) Terphenyl-d14	14.65	244	471986	67.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	31237	30.74	ng	#	100
3) Pyridine	2.61	79	87774	32.14	ng		98
4) n-Nitrosodimethylamine	2.54	42	40450	34.02	ng		96
6) Aniline	6.66	93	59032	14.92	ng	#	89
8) 2-Chlorophenol	6.81	128	109883	41.24	ng		96
9) Benzaldehyde	6.52	77	3701	3.27	ng		97
10) Phenol	6.68	94	133688	40.89	ng	#	74
11) bis(2-Chloroethyl)ether	6.77	93	101942	41.63	ng		98
12) 1,3-Dichlorobenzene	6.99	146	114284	38.56	ng	#	95
13) 1,4-Dichlorobenzene	7.09	146	115328	37.45	ng		95
14) 1,2-Dichlorobenzene	7.28	146	108147	38.31	ng		94
15) Benzyl Alcohol	7.26	79	81630	37.81	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.45	45	131816	39.94	ng		97
17) 2-Methylphenol	7.42	107	85877	39.59	ng	#	94
18) Hexachloroethane	7.70	117	39827	39.44	ng	#	80
19) n-Nitroso-di-n-propylamine	7.60	70	72374	37.83	ng		96
20) 3+4-Methylphenols	7.63	107	118062	41.48	ng		99
22) Acetophenone	7.58	105	147866	41.65	ng	#	98
24) Nitrobenzene	7.79	77	102767	38.99	ng		100
25) Isophorone	8.10	82	197693	40.01	ng		99
26) 2-Nitrophenol	8.19	139	54701	42.39	ng		97
27) 2,4-Dimethylphenol	8.27	122	99862	42.48	ng		96
28) bis(2-Chloroethoxy)methane	8.38	93	125350	41.80	ng		97
29) 2,4-Dichlorophenol	8.50	162	93432	41.70	ng		98
30) 1,2,4-Trichlorobenzene	8.59	180	93731	37.39	ng		98
31) Naphthalene	8.68	128	316309	38.40	ng		99
32) Benzoic acid	8.40	122	50879	39.40	ng		95
33) 4-Chloroaniline	8.76	127	50464	15.10	ng		97
34) Hexachlorobutadiene	8.83	225	52624	37.03	ng		97
35) Caprolactam	9.20	113	28733	43.88	ng	#	78
36) 4-Chloro-3-methylphenol	9.39	107	93034	41.27	ng		99
37) 2-Methylnaphthalene	9.54	142	224776	40.62	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.74	216	96266	38.65	ng	#	100
40) Hexachlorocyclopentadiene	9.72	237	93384	75.10	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 28 05:39:24 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.89	196	65432	37.92	ng		97
43) 2,4,5-Trichlorophenol	9.95	196	72931	39.13	ng	#	95
45) 1,1'-Biphenyl	10.12	154	266476	39.92	ng		98
46) 2-Chloronaphthalene	10.13	162	203954	37.59	ng	#	93
47) 2-Nitroaniline	10.27	65	54595	40.52	ng	#	81
48) Acenaphthylene	10.65	152	330575	36.64	ng		99
49) Dimethylphthalate	10.51	163	241713	39.03	ng		100
50) 2,6-Dinitrotoluene	10.58	165	52423	40.83	ng	#	83
51) Acenaphthene	10.85	154	193394	37.39	ng		99
52) 3-Nitroaniline	10.78	138	30010	20.13	ng		84
53) 2,4-Dinitrophenol	10.92	184	32782	70.56	ng	#	79
54) Dibenzofuran	11.07	168	297747	38.81	ng		92
55) 4-Nitrophenol	11.02	139	82403	74.61	ng	#	70
56) 2,4-Dinitrotoluene	11.08	165	73139	43.69	ng	#	63
57) Fluorene	11.49	166	238043	37.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.23	232	54688	38.10	ng	#	100
59) Diethylphthalate	11.39	149	249584	41.36	ng		98
60) 4-Chlorophenyl-phenylether	11.51	204	113580	39.07	ng	#	83
61) 4-Nitroaniline	11.54	138	52959	35.64	ng		84
62) Azobenzene	11.70	77	227128	39.38	ng		89
64) 4,6-Dinitro-2-methylphenol	11.57	198	24578	34.22	ng		88
65) n-Nitrosodiphenylamine	11.67	169	213039	40.40	ng		99
66) 4-Bromophenyl-phenylether	12.11	248	68523	40.54	ng	#	86
67) Hexachlorobenzene	12.17	284	72465	39.02	ng	#	90
68) Atrazine	12.34	200	68859	46.60	ng		96
69) Pentachlorophenol	12.43	266	57495	59.92	ng		100
70) Phenanthrene	12.68	178	360145	39.61	ng		100
71) Anthracene	12.75	178	371532	41.36	ng		99
72) Carbazole	12.96	167	340629	39.87	ng		99
73) Di-n-butylphthalate	13.41	149	403393	42.11	ng		99
74) Fluoranthene	14.16	202	406437	40.53	ng		99
76) Benzidine	14.34	184	118469	27.70	ng		100
77) Pyrene	14.43	202	409450	37.87	ng		99
79) Butylbenzylphthalate	15.27	149	180239	42.28	ng	#	83
80) Benzo(a)anthracene	15.92	228	387283	37.99	ng		100
81) 3,3'-Dichlorobenzidine	15.91	252	83912	24.96	ng		96
82) Chrysene	15.96	228	370253	40.40	ng		100
83) Bis(2-ethylhexyl)phthalate	15.99	149	273363	42.33	ng	#	95
84) Di-n-octyl phthalate	16.77	149	472914	42.83	ng		100
85) Indeno(1,2,3-cd)pyrene	18.98	276	443211	38.74	ng	#	100
87) Benzo(b)fluoranthene	17.21	252	406079	37.46	ng	#	95
88) Benzo(k)fluoranthene	17.23	252	365337m	43.15	ng		
89) Benzo(a)pyrene	17.57	252	382477	42.29	ng	#	96
90) Dibenzo(a,h)anthracene	19.01	278	357767	39.88	ng		99
91) Benzo(g,h,i)perylene	19.38	276	361472	39.58	ng		99

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

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