Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040315\
Data File : BF078241.D
Acq On : 3 Apr 2015 14:51
Operator : TP/IZ
Sample : PB82450BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82450BS

Manual Integrations APPROVED
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4/6/2015 4:33:12 PM

Quant Time: Apr 03 23:52:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 23:29:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	38211	20.00	ng		0.00
21) Naphthalene-d8	8.56	136	152543	20.00	ng		0.00
38) Acenaphthene-d10	10.72	164	75299	20.00	ng		-0.01
63) Phenanthrene-d10	12.56	188	145522	20.00	ng		0.00
75) Chrysene-d12	15.83	240	148975	20.00	ng		-0.01
86) Perylene-d12	17.59	264	152030	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	286107	123.45	ng		0.00
7) Phenol-d6	6.58	99	352266	121.29	ng		-0.01
23) Nitrobenzene-d5	7.68	82	194259	77.19	ng		0.00
41) 2,4,6-Tribromophenol	11.70	330	85208	136.44	ng		0.00
44) 2-Fluorobiphenyl	9.90	172	438610	83.26	ng		0.00
78) Terphenyl-d14	14.55	244	502723	76.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.82	88	32358	30.88	ng		98
3) Pyridine	2.45	79	102706	37.41	ng		96
4) n-Nitrosodimethylamine	2.40	42	44977m	42.56	ng		
6) Aniline	6.57	93	56402	13.69	ng	#	89
8) 2-Chlorophenol	6.72	128	107017	39.05	ng		99
9) Benzaldehyde	6.42	77	65858	34.21	ng		92
10) Phenol	6.60	94	130611	37.53	ng		99
11) bis(2-Chloroethyl)ether	6.68	93	99164	39.62	ng		95
12) 1,3-Dichlorobenzene	6.90	146	111691	37.10	ng		95
13) 1,4-Dichlorobenzene	7.00	146	113254	37.38	ng		97
14) 1,2-Dichlorobenzene	7.18	146	104009	36.61	ng		95
15) Benzyl Alcohol	7.18	79	87440	42.84	ng		88
16) 2,2'-oxybis(1-Chloropropan	7.36	45	134368	40.25	ng		90
17) 2-Methylphenol	7.34	107	84167	39.56	ng		94
18) Hexachloroethane	7.60	117	39262	38.43	ng	#	79
19) n-Nitroso-di-n-propylamine	7.52	70	70703	36.90	ng		97
20) 3+4-Methylphenols	7.54	107	111536	39.30	ng		97
22) Acetophenone	7.49	105	143567	40.39	ng	#	90
24) Nitrobenzene	7.70	77	102308	38.89	ng	#	81
25) Isophorone	8.01	82	193556	40.52	ng		99
26) 2-Nitrophenol	8.10	139	53176	42.41	ng		98
27) 2,4-Dimethylphenol	8.18	122	92151	39.53	ng		94
28) bis(2-Chloroethoxy)methane	8.29	93	127918	41.77	ng		99
29) 2,4-Dichlorophenol	8.41	162	88686	41.81	ng		96
30) 1,2,4-Trichlorobenzene	8.49	180	91607	37.67	ng	#	96
31) Naphthalene	8.58	128	298053	37.54	ng		99
32) Benzoic acid	8.32	122	55944	50.66	ng		92
33) 4-Chloroaniline	8.67	127	52369	15.90	ng		99
34) Hexachlorobutadiene	8.74	225	51979	38.93	ng		96
35) Caprolactam	9.10	113	28078	44.35	ng	#	83
36) 4-Chloro-3-methylphenol	9.30	107	94811	44.30	ng		89
37) 2-Methylnaphthalene	9.45	142	205159	38.06	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.65	216	90273	38.69	ng		97
40) Hexachlorocyclopentadiene	9.63	237	90458	89.20	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	65147	44.28	ng		97
43) 2,4,5-Trichlorophenol	9.86	196	66703	43.39	ng	#	84
45) 1,1'-Biphenyl	10.03	154	249650	40.53	ng		98
46) 2-Chloronaphthalene	10.04	162	202285	41.74	ng		97
47) 2-Nitroaniline	10.18	65	51222	42.72	ng		93
48) Acenaphthylene	10.54	152	306215	39.13	ng		99
49) Dimethylphthalate	10.42	163	222587	39.35	ng		99
50) 2,6-Dinitrotoluene	10.49	165	47398	40.72	ng	#	41
51) Acenaphthene	10.76	154	184050	41.77	ng		99
52) 3-Nitroaniline	10.69	138	29324	22.16	ng		98
53) 2,4-Dinitrophenol	10.83	184	35386	78.77	ng	#	88
54) Dibenzofuran	10.98	168	292056	43.40	ng		97
55) 4-Nitrophenol	10.95	139	80136	82.16	ng		98
56) 2,4-Dinitrotoluene	10.99	165	68422	45.39	ng	#	90
57) Fluorene	11.40	166	236296	43.32	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.14	232	53025	46.53	ng		99
59) Diethylphthalate	11.30	149	238322	43.69	ng		99
60) 4-Chlorophenyl-phenylether	11.41	204	107126	42.69	ng	#	82
61) 4-Nitroaniline	11.45	138	49263	36.82	ng		99
62) Azobenzene	11.61	77	219450	44.08	ng		94
64) 4,6-Dinitro-2-methylphenol	11.48	198	27584	39.94	ng	#	77
65) n-Nitrosodiphenylamine	11.56	169	195360	38.81	ng		100
66) 4-Bromophenyl-phenylether	12.02	248	65098	42.24	ng	#	84
67) Hexachlorobenzene	12.07	284	66148	39.17	ng	#	85
68) Atrazine	12.25	200	67073	46.01	ng		99
69) Pentachlorophenol	12.33	266	66816	88.32	ng		99
70) Phenanthrene	12.58	178	331532	39.39	ng		99
71) Anthracene	12.65	178	343881	41.46	ng		99
72) Carbazole	12.87	167	324724	41.77	ng		99
73) Di-n-butylphthalate	13.32	149	383938	43.60	ng		99
74) Fluoranthene	14.05	202	375234	42.27	ng		92
76) Benzidine	14.25	184	147551	25.72	ng		98
77) Pyrene	14.33	202	384508	41.11	ng		99
79) Butylbenzylphthalate	15.17	149	166808	46.80	ng	#	85
80) Benzo(a)anthracene	15.81	228	358095	40.40	ng		100
81) 3,3'-Dichlorobenzidine	15.80	252	93243	31.41	ng	#	98
82) Chrysene	15.86	228	341973	41.06	ng		100
83) Bis(2-ethylhexyl)phthalate	15.91	149	253395	45.33	ng		98
84) Di-n-octyl phthalate	16.71	149	435756	47.47	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.89	276	390906	41.37	ng	#	85
87) Benzo(b)fluoranthene	17.13	252	380557	40.50	ng	#	96
88) Benzo(k)fluoranthene	17.16	252	296862	35.55	ng		98
89) Benzo(a)pyrene	17.52	252	336784	41.07	ng	#	96
90) Dibenzo(a,h)anthracene	18.92	278	313354	38.17	ng		98
91) Benzo(g,h,i)perylene	19.27	276	321456	39.05	ng		96

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

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