Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031015\
Data File : BF077665.D
Acq On : 10 Mar 2015 17:12
Operator : TP/IZ
Sample : PB82015BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82015BS

Manual Integrations APPROVED
mohammad
3/12/2015 2:21:46 PM

Quant Time: Mar 11 01:42:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 11 00:54:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	55518	20.00	ng		0.00
21) Naphthalene-d8	8.76	136	198222	20.00	ng		0.00
38) Acenaphthene-d10	10.93	164	98933	20.00	ng		0.00
63) Phenanthrene-d10	12.77	188	191718	20.00	ng		0.00
75) Chrysene-d12	16.05	240	205828	20.00	ng		-0.03
86) Perylene-d12	17.75	264	214775	20.00	ng		-0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	391039	117.59	ng		0.00
7) Phenol-d6	6.75	99	505478	118.22	ng		0.00
23) Nitrobenzene-d5	7.88	82	259606	81.44	ng		0.00
41) 2,4,6-Tribromophenol	11.91	330	122605	128.71	ng		0.00
44) 2-Fluorobiphenyl	10.11	172	573265	90.35	ng		0.00
78) Terphenyl-d14	14.76	244	703378	79.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	47862	33.92	ng		97
3) Pyridine	2.83	79	131354	32.54	ng		93
4) n-Nitrosodimethylamine	2.74	42	62828	35.79	ng		89
6) Aniline	6.77	93	130722	22.12	ng	#	64
8) 2-Chlorophenol	6.91	128	147099	37.50	ng		98
9) Benzaldehyde	6.63	77	15861	6.11	ng		92
10) Phenol	6.77	94	180035	35.49	ng		74
11) bis(2-Chloroethyl)ether	6.88	93	143994	39.50	ng		94
12) 1,3-Dichlorobenzene	7.11	146	151936	35.57	ng		97
13) 1,4-Dichlorobenzene	7.21	146	158914	36.57	ng		99
14) 1,2-Dichlorobenzene	7.39	146	139445	33.73	ng		98
15) Benzyl Alcohol	7.37	79	108330	33.33	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.55	45	163525	31.38	ng		100
17) 2-Methylphenol	7.52	107	109691	35.77	ng		98
18) Hexachloroethane	7.80	117	48046	33.10	ng	#	82
19) n-Nitroso-di-n-propylamine	7.70	70	86546	31.87	ng		97
20) 3+4-Methylphenols	7.71	107	137242	33.98	ng	#	73
22) Acetophenone	7.69	105	178330	38.25	ng	#	89
24) Nitrobenzene	7.90	77	126156	37.62	ng		100
25) Isophorone	8.20	82	243102	38.44	ng		98
26) 2-Nitrophenol	8.29	139	66378	48.29	ng		95
27) 2,4-Dimethylphenol	8.36	122	124247	40.40	ng		98
28) bis(2-Chloroethoxy)methane	8.48	93	148155	37.08	ng		99
29) 2,4-Dichlorophenol	8.59	162	112191	38.86	ng		93
30) 1,2,4-Trichlorobenzene	8.69	180	123901	39.04	ng		99
31) Naphthalene	8.79	128	388621	39.20	ng		99
32) Benzoic acid	8.46	122	60859	40.72	ng		98
33) 4-Chloroaniline	8.86	127	92682	21.03	ng		98
34) Hexachlorobutadiene	8.94	225	67563	37.29	ng		98
35) Caprolactam	9.29	113	35049	39.77	ng	#	73
36) 4-Chloro-3-methylphenol	9.47	107	120722	41.60	ng		100
37) 2-Methylnaphthalene	9.64	142	263888	37.49	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	118050	41.59	ng		98
40) Hexachlorocyclopentadiene	9.84	237	117085	76.92	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	82573	43.92	ng		99
43) 2,4,5-Trichlorophenol	10.04	196	90568	45.05	ng	#	95
45) 1,1'-Biphenyl	10.23	154	318058	42.43	ng		98
46) 2-Chloronaphthalene	10.24	162	254801	43.35	ng		94
47) 2-Nitroaniline	10.37	65	65424	45.21	ng		89
48) Acenaphthylene	10.75	152	403124	43.32	ng		99
49) Dimethylphthalate	10.61	163	297988	42.85	ng		99
50) 2,6-Dinitrotoluene	10.69	165	62039	44.48	ng	#	56
51) Acenaphthene	10.97	154	229633	41.35	ng		99
52) 3-Nitroaniline	10.88	138	49956	31.07	ng		85
53) 2,4-Dinitrophenol	11.02	184	42890	101.07	ng		96
54) Dibenzofuran	11.19	168	355555	41.47	ng		100
55) 4-Nitrophenol	11.11	139	112988	87.36	ng	#	80
56) 2,4-Dinitrotoluene	11.18	165	84953	45.08	ng	#	94
57) Fluorene	11.61	166	289029	42.16	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.34	232	70020	43.33	ng		97
59) Diethylphthalate	11.49	149	290043	42.30	ng		98
60) 4-Chlorophenyl-phenylether	11.62	204	134561	40.74	ng		94
61) 4-Nitroaniline	11.64	138	69103	44.84	ng		84
62) Azobenzene	11.81	77	259138	39.84	ng		98
64) 4,6-Dinitro-2-methylphenol	11.68	198	31287	41.45	ng	#	43
65) n-Nitrosodiphenylamine	11.77	169	258433	40.63	ng		98
66) 4-Bromophenyl-phenylether	12.22	248	84336	37.57	ng		99
67) Hexachlorobenzene	12.28	284	91979	38.17	ng	#	90
68) Atrazine	12.44	200	83605	40.43	ng		97
69) Pentachlorophenol	12.53	266	102363	80.83	ng		99
70) Phenanthrene	12.80	178	436401	39.27	ng		99
71) Anthracene	12.86	178	453149	41.09	ng		98
72) Carbazole	13.07	167	433522	41.35	ng		98
73) Di-n-butylphthalate	13.52	149	469979	38.17	ng	#	97
74) Fluoranthene	14.27	202	490107	40.38	ng		99
76) Benzidine	14.45	184	208918	30.04	ng		97
77) Pyrene	14.55	202	504840	40.10	ng		99
79) Butylbenzylphthalate	15.38	149	209746	40.49	ng		89
80) Benzo(a)anthracene	16.04	228	495237	41.05	ng		99
81) 3,3'-Dichlorobenzidine	16.02	252	124826	28.24	ng		98
82) Chrysene	16.08	228	463851	40.95	ng		99
83) Bis(2-ethylhexyl)phthalate	16.10	149	304656	36.68	ng	#	97
84) Di-n-octyl phthalate	16.88	149	523182	37.73	ng		96
85) Indeno(1,2,3-cd)pyrene	19.15	276	556715m	43.10	ng		
87) Benzo(b)fluoranthene	17.32	252	515620	41.28	ng		99
88) Benzo(k)fluoranthene	17.35	252	460292m	37.61	ng		
89) Benzo(a)pyrene	17.69	252	470832	39.58	ng	#	96
90) Dibenzo(a,h)anthracene	19.18	278	459243	40.48	ng		97
91) Benzo(g,h,i)perylene	19.56	276	471662	41.19	ng		97

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

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