Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078050.D
Acq On : 27 Mar 2015 21:40
Operator : TP/IZ
Sample : PB82359BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82359BS

Manual Integrations APPROVED
apatel
3/30/2015 6:30:45 PM

Quant Time: Mar 28 06:25:58 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	39599	20.00	ng		0.00
21) Naphthalene-d8	8.65	136	165080	20.00	ng		0.00
38) Acenaphthene-d10	10.82	164	87067	20.00	ng		0.00
63) Phenanthrene-d10	12.65	188	160631	20.00	ng		-0.01
75) Chrysene-d12	15.94	240	167892	20.00	ng		0.01
86) Perylene-d12	17.69	264	165742	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	257573	113.54	ng		0.01
7) Phenol-d6	6.67	99	322001	114.88	ng		0.00
23) Nitrobenzene-d5	7.77	82	182833	72.60	ng		-0.01
41) 2,4,6-Tribromophenol	11.80	330	86574	103.93	ng		0.00
44) 2-Fluorobiphenyl	10.00	172	412997	69.71	ng		0.00
78) Terphenyl-d14	14.65	244	511917	74.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	31272	30.36	ng	#	100
3) Pyridine	2.61	79	96452	34.85	ng		93
4) n-Nitrosodimethylamine	2.54	42	40867	33.91	ng		91
6) Aniline	6.67	93	78491	19.58	ng	#	71
8) 2-Chlorophenol	6.82	128	100029	37.04	ng		89
9) Benzaldehyde	6.52	77	3832	3.34	ng		94
10) Phenol	6.68	94	122247	36.90	ng		79
11) bis(2-Chloroethyl)ether	6.77	93	94448	38.06	ng		98
12) 1,3-Dichlorobenzene	6.99	146	107052	35.64	ng	#	94
13) 1,4-Dichlorobenzene	7.09	146	110341	35.36	ng		95
14) 1,2-Dichlorobenzene	7.28	146	102974	35.99	ng		95
15) Benzyl Alcohol	7.26	79	78598	35.92	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.45	45	124592	37.25	ng		98
17) 2-Methylphenol	7.44	107	76746	34.91	ng	#	91
18) Hexachloroethane	7.70	117	36389	35.55	ng	#	78
19) n-Nitroso-di-n-propylamine	7.60	70	67130	34.62	ng		93
20) 3+4-Methylphenols	7.63	107	109581	37.99	ng		99
22) Acetophenone	7.58	105	137505	37.63	ng	#	99
24) Nitrobenzene	7.79	77	95863	35.33	ng		99
25) Isophorone	8.10	82	184205	36.22	ng		100
26) 2-Nitrophenol	8.19	139	49206	37.05	ng		99
27) 2,4-Dimethylphenol	8.27	122	94592	39.09	ng		98
28) bis(2-Chloroethoxy)methane	8.38	93	119337	38.66	ng	#	97
29) 2,4-Dichlorophenol	8.50	162	88154	38.22	ng		96
30) 1,2,4-Trichlorobenzene	8.59	180	90743	35.16	ng		98
31) Naphthalene	8.68	128	295083	34.80	ng		99
32) Benzoic acid	8.40	122	46563	35.37	ng		92
33) 4-Chloroaniline	8.76	127	71514	20.78	ng		96
34) Hexachlorobutadiene	8.83	225	50491	34.52	ng		97
35) Caprolactam	9.20	113	26986	40.03	ng	#	78
36) 4-Chloro-3-methylphenol	9.39	107	85578	36.87	ng		99
37) 2-Methylnaphthalene	9.54	142	208299	36.57	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.74	216	90975	35.03	ng	#	100
40) Hexachlorocyclopentadiene	9.72	237	81815	63.61	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.89	196	60053	33.38	ng		99
43) 2,4,5-Trichlorophenol	9.95	196	67743	34.86	ng	#	95
45) 1,1'-Biphenyl	10.12	154	245248	35.24	ng		99
46) 2-Chloronaphthalene	10.13	162	194853	34.45	ng		94
47) 2-Nitroaniline	10.27	65	48787	34.73	ng	#	78
48) Acenaphthylene	10.65	152	315243	33.52	ng		99
49) Dimethylphthalate	10.51	163	227127	35.17	ng		99
50) 2,6-Dinitrotoluene	10.58	165	48297	36.08	ng	#	84
51) Acenaphthene	10.85	154	176365	32.70	ng		99
52) 3-Nitroaniline	10.79	138	40963	26.35	ng		83
53) 2,4-Dinitrophenol	10.92	184	26960	57.36	ng	#	84
54) Dibenzofuran	11.07	168	275929	34.50	ng		92
55) 4-Nitrophenol	11.03	139	71838	62.38	ng	#	66
56) 2,4-Dinitrotoluene	11.08	165	67312	38.56	ng	#	62
57) Fluorene	11.49	166	226796	34.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.23	232	50883	34.00	ng	#	100
59) Diethylphthalate	11.39	149	237805	37.79	ng		99
60) 4-Chlorophenyl-phenylether	11.51	204	103387	34.11	ng	#	85
61) 4-Nitroaniline	11.54	138	50428	32.55	ng		77
62) Azobenzene	11.70	77	213992	35.58	ng		90
64) 4,6-Dinitro-2-methylphenol	11.57	198	23042	31.96	ng		87
65) n-Nitrosodiphenylamine	11.67	169	199105	37.23	ng		99
66) 4-Bromophenyl-phenylether	12.11	248	63669	37.14	ng	#	85
67) Hexachlorobenzene	12.17	284	68093	36.15	ng	#	90
68) Atrazine	12.34	200	64936	43.32	ng		96
69) Pentachlorophenol	12.43	266	51675	53.44	ng		98
70) Phenanthrene	12.68	178	339843	36.85	ng		99
71) Anthracene	12.75	178	342817	37.63	ng		99
72) Carbazole	12.96	167	321267	37.07	ng		100
73) Di-n-butylphthalate	13.41	149	389457	40.08	ng		100
74) Fluoranthene	14.16	202	384245	37.78	ng		99
76) Benzidine	14.34	184	145774	35.04	ng		99
77) Pyrene	14.43	202	389533	36.90	ng		99
79) Butylbenzylphthalate	15.27	149	173007	41.56	ng	#	80
80) Benzo(a)anthracene	15.93	228	390068	39.19	ng		99
81) 3,3'-Dichlorobenzidine	15.91	252	84369	25.70	ng		99
82) Chrysene	15.97	228	334521	37.38	ng		99
83) Bis(2-ethylhexyl)phthalate	16.00	149	253917	40.27	ng	#	96
84) Di-n-octyl phthalate	16.80	149	447036	41.47	ng		99
85) Indeno(1,2,3-cd)pyrene	19.05	276	402696	36.05	ng	#	100
87) Benzo(b)fluoranthene	17.24	252	361792	33.44	ng	#	97
88) Benzo(k)fluoranthene	17.28	252	367674m	43.50	ng		
89) Benzo(a)pyrene	17.63	252	348311	38.58	ng		99
90) Dibenzo(a,h)anthracene	19.07	278	322846	36.05	ng	#	96
91) Benzo(g,h,i)perylene	19.45	276	327866	35.97	ng		96

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

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