Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079112.D
Acq On : 11 May 2015 13:27
Operator : TP/IZ
Sample : PB83176BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB83176BS

Manual Integrations APPROVED
apatel
5/12/2015 4:50:02 PM

Quant Time: May 12 02:14:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 01:34:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	60826	20.00	ng		0.00
21) Naphthalene-d8	8.88	136	260300	20.00	ng		0.00
38) Acenaphthene-d10	11.05	164	128497	20.00	ng		0.00
63) Phenanthrene-d10	12.90	188	247786	20.00	ng		0.00
75) Chrysene-d12	16.24	240	259995	20.00	ng		0.01
86) Perylene-d12	18.13	264	268365	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	294402	83.32	ng		0.01
7) Phenol-d6	6.86	99	374499	80.18	ng		0.00
23) Nitrobenzene-d5	7.99	82	356718	78.76	ng		0.00
41) 2,4,6-Tribromophenol	12.03	330	110887	79.77	ng		0.00
44) 2-Fluorobiphenyl	10.23	172	764362	82.87	ng		0.00
78) Terphenyl-d14	14.90	244	934824	86.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	48082	31.30	ng	#	31
3) Pyridine	2.99	79	137153	30.50	ng		96
4) n-Nitrosodimethylamine	2.90	42	67474m	35.02	ng		
6) Aniline	6.89	93	143738	21.80	ng		97
8) 2-Chlorophenol	7.03	128	153285	38.25	ng		100
9) Benzaldehyde	6.74	77	84057	26.71	ng		88
10) Phenol	6.88	94	195265	36.04	ng		85
11) bis(2-Chloroethyl)ether	6.98	93	138271	34.81	ng		97
12) 1,3-Dichlorobenzene	7.22	146	160219	35.57	ng	#	94
13) 1,4-Dichlorobenzene	7.32	146	161284	34.79	ng		98
14) 1,2-Dichlorobenzene	7.51	146	152188	35.26	ng		98
15) Benzyl Alcohol	7.47	79	124100	35.79	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.66	45	217165	35.73	ng		99
17) 2-Methylphenol	7.62	107	122625	38.02	ng		97
18) Hexachloroethane	7.92	117	56259	35.23	ng	#	85
19) n-Nitroso-di-n-propylamine	7.82	70	107690	34.14	ng	#	80
20) 3+4-Methylphenols	7.82	107	161871	37.67	ng	#	50
22) Acetophenone	7.80	105	218921	37.23	ng	#	95
24) Nitrobenzene	8.01	77	150490	33.52	ng		98
25) Isophorone	8.31	82	276342	32.91	ng		99
26) 2-Nitrophenol	8.41	139	72594	39.07	ng		96
27) 2,4-Dimethylphenol	8.47	122	141902	38.16	ng		98
28) bis(2-Chloroethoxy)methane	8.59	93	185174	35.77	ng		99
29) 2,4-Dichlorophenol	8.71	162	126719	38.33	ng		95
30) 1,2,4-Trichlorobenzene	8.81	180	125812	34.64	ng		100
31) Naphthalene	8.90	128	436585	35.20	ng		99
32) Benzoic acid	8.57	122	72224	33.24	ng		93
33) 4-Chloroaniline	8.97	127	107488	20.48	ng		96
34) Hexachlorobutadiene	9.05	225	67226	32.14	ng		96
35) Caprolactam	9.39	113	39408	36.86	ng		93
36) 4-Chloro-3-methylphenol	9.58	107	132521	38.16	ng		96
37) 2-Methylnaphthalene	9.76	142	301940	35.13	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.96	216	118762	32.82	ng	#	100
40) Hexachlorocyclopentadiene	9.95	237	123677	67.96	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.11	196	88756	35.67	ng		94
43) 2,4,5-Trichlorophenol	10.16	196	94738	37.66	ng		93
45) 1,1'-Biphenyl	10.34	154	358177	35.06	ng		99
46) 2-Chloronaphthalene	10.36	162	280078	35.15	ng		97
47) 2-Nitroaniline	10.49	65	80728	34.97	ng		92
48) Acenaphthylene	10.88	152	465173	35.56	ng		99
49) Dimethylphthalate	10.73	163	335591	35.59	ng		100
50) 2,6-Dinitrotoluene	10.80	165	67128	36.07	ng		94
51) Acenaphthene	11.10	154	264792	33.94	ng		98
52) 3-Nitroaniline	11.00	138	61802	26.58	ng	#	90
53) 2,4-Dinitrophenol	11.14	184	55204	73.82	ng		93
54) Dibenzofuran	11.31	168	414726	36.80	ng		96
55) 4-Nitrophenol	11.22	139	137400	74.67	ng		90
56) 2,4-Dinitrotoluene	11.30	165	94909	38.57	ng	#	76
57) Fluorene	11.74	166	329283	35.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.46	232	76225	37.08	ng	#	100
59) Diethylphthalate	11.61	149	331548	35.49	ng		100
60) 4-Chlorophenyl-phenylether	11.75	204	141110	34.39	ng		91
61) 4-Nitroaniline	11.76	138	78907	33.93	ng		94
62) Azobenzene	11.94	77	324116	35.21	ng		93
64) 4,6-Dinitro-2-methylphenol	11.80	198	39979	41.12	ng	#	79
65) n-Nitrosodiphenylamine	11.89	169	276396	33.49	ng		98
66) 4-Bromophenyl-phenylether	12.35	248	92297	35.74	ng	#	91
67) Hexachlorobenzene	12.41	284	103764	35.15	ng	#	91
68) Atrazine	12.56	200	89037	37.10	ng		99
69) Pentachlorophenol	12.66	266	98046	58.76	ng		97
70) Phenanthrene	12.93	178	470771	33.96	ng		100
71) Anthracene	12.99	178	500802	36.83	ng		99
72) Carbazole	13.20	167	478246	36.90	ng		99
73) Di-n-butylphthalate	13.65	149	545096	35.07	ng		99
74) Fluoranthene	14.41	202	533361	36.92	ng		95
76) Benzidine	14.58	184	220604	31.48	ng		99
77) Pyrene	14.69	202	545425	36.41	ng		99
79) Butylbenzylphthalate	15.53	149	254015	38.79	ng	#	81
80) Benzo(a)anthracene	16.23	228	515529	36.21	ng		99
81) 3,3'-Dichlorobenzidine	16.21	252	130721	25.78	ng		98
82) Chrysene	16.27	228	483340	35.30	ng		99
83) Bis(2-ethylhexyl)phthalate	16.29	149	374231	37.73	ng	#	96
84) Di-n-octyl phthalate	17.15	149	654908m	37.49	ng		
85) Indeno(1,2,3-cd)pyrene	19.63	276	632124	36.23	ng	#	100
87) Benzo(b)fluoranthene	17.63	252	546378	37.20	ng		100
88) Benzo(k)fluoranthene	17.68	252	501691m	35.28	ng		
89) Benzo(a)pyrene	18.06	252	508178	37.57	ng	#	97
90) Dibenzo(a,h)anthracene	19.66	278	503163	35.00	ng		96
91) Benzo(g,h,i)perylene	20.07	276	518794	36.01	ng		97

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

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