Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\
Data File : BF078649.D
Acq On : 20 Apr 2015 17:38
Operator : TP/IZ
Sample : PB82795BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82795BS

Manual Integrations APPROVED
apatel
4/21/2015 5:03:29 PM

Quant Time: Apr 21 01:16:58 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 00:52:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	34202	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	141012	20.00	ng		0.00
38) Acenaphthene-d10	11.21	164	71354	20.00	ng		0.00
63) Phenanthrene-d10	13.94	188	138340	20.00	ng		0.00
75) Chrysene-d12	17.81	240	140203	20.00	ng		0.00
86) Perylene-d12	19.51	264	132772	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	3.87	112	243136	117.21	ng		0.00
7) Phenol-d6	5.36	99	306974	118.08	ng		0.00
23) Nitrobenzene-d5	6.80	82	180934	77.77	ng		0.00
41) 2,4,6-Tribromophenol	12.69	330	77668	131.24	ng		0.00
44) 2-Fluorobiphenyl	10.03	172	388250	77.78	ng		0.00
78) Terphenyl-d14	16.47	244	450927	72.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.45	88	28547m	30.43	ng		
3) Pyridine	1.94	79	71063	28.92	ng		96
4) n-Nitrosodimethylamine	1.90	42	36310	38.39	ng		91
6) Aniline	5.35	93	76079	20.64	ng		94
8) 2-Chlorophenol	5.52	128	91646	37.36	ng		99
9) Benzaldehyde	5.16	77	14540	8.44	ng		100
10) Phenol	5.38	94	112976	36.27	ng		96
11) bis(2-Chloroethyl)ether	5.48	93	78985	35.26	ng		95
12) 1,3-Dichlorobenzene	5.76	146	94938	35.24	ng	#	92
13) 1,4-Dichlorobenzene	5.88	146	95482	35.21	ng		96
14) 1,2-Dichlorobenzene	6.12	146	91429	35.95	ng		94
15) Benzyl Alcohol	6.14	79	73629	40.30	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.38	45	110951	37.13	ng		88
17) 2-Methylphenol	6.36	107	72065	37.84	ng		94
18) Hexachloroethane	6.67	117	33712	36.86	ng		93
19) n-Nitroso-di-n-propylamine	6.59	70	64256	37.46	ng		97
20) 3+4-Methylphenols	6.64	107	94541	37.21	ng		89
22) Acetophenone	6.56	105	126719	38.57	ng	#	93
24) Nitrobenzene	6.83	77	91636	37.68	ng		93
25) Isophorone	7.26	82	163572	37.05	ng		94
26) 2-Nitrophenol	7.38	139	45345	39.13	ng		98
27) 2,4-Dimethylphenol	7.54	122	81309	37.73	ng		98
28) bis(2-Chloroethoxy)methane	7.70	93	103381	36.51	ng		99
29) 2,4-Dichlorophenol	7.83	162	77678	39.62	ng		96
30) 1,2,4-Trichlorobenzene	7.94	180	80242	35.70	ng		99
31) Naphthalene	8.06	128	262870	35.82	ng		99
32) Benzoic acid	7.78	122	46254m	45.92	ng		
33) 4-Chloroaniline	8.22	127	61175	20.09	ng		97
34) Hexachlorobutadiene	8.31	225	44417	35.99	ng		97
35) Caprolactam	8.84	113	23015	39.33	ng		91
36) 4-Chloro-3-methylphenol	9.18	107	80438	40.66	ng		89
37) 2-Methylnaphthalene	9.31	142	184124	36.95	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.63	216	78497	35.50	ng		97
40) Hexachlorocyclopentadiene	9.61	237	63558	67.90	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	53607	38.45	ng		99
43) 2,4,5-Trichlorophenol	9.95	196	55354	38.00	ng	#	90
45) 1,1'-Biphenyl	10.19	154	215158	36.86	ng		96
46) 2-Chloronaphthalene	10.19	162	167178	36.41	ng		96
47) 2-Nitroaniline	10.45	65	47714	42.00	ng	#	67
48) Acenaphthylene	10.94	152	272424	36.74	ng		99
49) Dimethylphthalate	10.85	163	208623	38.92	ng	#	97
50) 2,6-Dinitrotoluene	10.93	165	43972	39.87	ng	#	44
51) Acenaphthene	11.27	154	156904	37.58	ng		99
52) 3-Nitroaniline	11.21	138	30709	24.49	ng	#	97
53) 2,4-Dinitrophenol	11.44	184	32116	76.53	ng	#	88
54) Dibenzofuran	11.60	168	254812	39.96	ng		95
55) 4-Nitrophenol	11.65	139	53349	58.54	ng		91
56) 2,4-Dinitrotoluene	11.67	165	60882	42.62	ng	#	88
57) Fluorene	12.23	166	204683	39.60	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.86	232	39123	36.23	ng		98
59) Diethylphthalate	12.16	149	204891	39.64	ng		97
60) 4-Chlorophenyl-phenylether	12.29	204	91933	38.66	ng	#	82
61) 4-Nitroaniline	12.34	138	43636	34.42	ng		97
62) Azobenzene	12.57	77	189973	40.27	ng		97
64) 4,6-Dinitro-2-methylphenol	12.41	198	26055	39.74	ng		79
65) n-Nitrosodiphenylamine	12.53	169	174240	36.41	ng		98
66) 4-Bromophenyl-phenylether	13.19	248	56661	38.67	ng	#	87
67) Hexachlorobenzene	13.22	284	60206	37.50	ng	#	92
68) Atrazine	13.60	200	67213	48.49	ng		98
69) Pentachlorophenol	13.63	266	42487	61.65	ng		97
70) Phenanthrene	13.99	178	300196	37.51	ng		99
71) Anthracene	14.08	178	301901	38.29	ng		99
72) Carbazole	14.40	167	284057	38.44	ng		99
73) Di-n-butylphthalate	15.09	149	340666	40.69	ng		99
74) Fluoranthene	15.86	202	326325	38.67	ng		96
76) Benzidine	16.13	184	93797	17.37	ng		97
77) Pyrene	16.17	202	337701	38.37	ng		98
79) Butylbenzylphthalate	17.17	149	151185	45.07	ng	#	78
80) Benzo(a)anthracene	17.79	228	307496	36.86	ng		100
81) 3,3'-Dichlorobenzidine	17.79	252	70912	25.38	ng	#	97
82) Chrysene	17.83	228	302680	38.62	ng		99
83) Bis(2-ethylhexyl)phthalate	17.92	149	217861	41.41	ng	#	94
84) Di-n-octyl phthalate	18.71	149	378505	43.81	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.67	276	329302	37.03	ng	#	87
87) Benzo(b)fluoranthene	19.09	252	329425	40.15	ng		98
88) Benzo(k)fluoranthene	19.11	252	271239m	37.20	ng		
89) Benzo(a)pyrene	19.44	252	285648	39.89	ng	#	96
90) Dibenzo(a,h)anthracene	20.70	278	270026	37.66	ng		97
91) Benzo(g,h,i)perylene	20.99	276	272473	37.90	ng		99

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

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