Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
Data File : BF078731.D
Acq On : 22 Apr 2015 23:11
Operator : TP/IZ
Sample : PB82930BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82930BS

Manual Integrations APPROVED
apatel
4/23/2015 2:14:44 PM

Quant Time: Apr 23 01:40:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 00:55:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	25792	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	104977	20.00	ng		-0.01
38) Acenaphthene-d10	11.13	164	52741	20.00	ng		0.00
63) Phenanthrene-d10	13.86	188	109175	20.00	ng		0.00
75) Chrysene-d12	17.74	240	119996	20.00	ng		0.00
86) Perylene-d12	19.45	264	116907	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	3.80	112	186456	119.19	ng		0.00
7) Phenol-d6	5.29	99	237137	120.96	ng		0.00
23) Nitrobenzene-d5	6.73	82	140001	80.84	ng		0.00
41) 2,4,6-Tribromophenol	12.61	330	62647	143.22	ng		0.00
44) 2-Fluorobiphenyl	9.96	172	305594	82.82	ng		0.00
78) Terphenyl-d14	16.40	244	379276	71.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.38	88	19469	27.52	ng	#	23
3) Pyridine	1.86	79	64952	35.05	ng		97
4) n-Nitrosodimethylamine	1.82	42	30924	43.36	ng	#	73
6) Aniline	5.28	93	59772	21.50	ng		94
8) 2-Chlorophenol	5.45	128	68642	37.11	ng		99
9) Benzaldehyde	5.10	77	8044	6.19	ng		89
10) Phenol	5.31	94	85557	36.42	ng		97
11) bis(2-Chloroethyl)ether	5.42	93	61453	36.38	ng		93
12) 1,3-Dichlorobenzene	5.68	146	71731	35.30	ng		98
13) 1,4-Dichlorobenzene	5.82	146	72050	35.23	ng		98
14) 1,2-Dichlorobenzene	6.04	146	70802	36.92	ng		99
15) Benzyl Alcohol	6.07	79	57389	41.66	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.31	45	80759	35.84	ng		85
17) 2-Methylphenol	6.30	107	54498	37.95	ng		95
18) Hexachloroethane	6.59	117	25147	36.46	ng	#	80
19) n-Nitroso-di-n-propylamine	6.52	70	47953	37.07	ng		97
20) 3+4-Methylphenols	6.57	107	71258	37.19	ng		92
22) Acetophenone	6.49	105	97483	39.85	ng	#	94
24) Nitrobenzene	6.75	77	68227	37.68	ng	#	82
25) Isophorone	7.19	82	124690	37.93	ng		94
26) 2-Nitrophenol	7.31	139	34671	40.18	ng		98
27) 2,4-Dimethylphenol	7.47	122	61845	38.55	ng		98
28) bis(2-Chloroethoxy)methane	7.63	93	78142	37.07	ng		99
29) 2,4-Dichlorophenol	7.76	162	58329	39.96	ng		96
30) 1,2,4-Trichlorobenzene	7.87	180	60468	36.13	ng		99
31) Naphthalene	7.99	128	199923	36.59	ng		99
32) Benzoic acid	7.70	122	32911	44.15	ng		92
33) 4-Chloroaniline	8.15	127	48354	21.33	ng		98
34) Hexachlorobutadiene	8.24	225	33114	36.04	ng		95
35) Caprolactam	8.78	113	17420	39.98	ng		89
36) 4-Chloro-3-methylphenol	9.11	107	61582	41.82	ng		91
37) 2-Methylnaphthalene	9.24	142	138461	37.33	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	59853	36.63	ng		98
40) Hexachlorocyclopentadiene	9.54	237	44539	64.73	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	41437	40.21	ng		98
43) 2,4,5-Trichlorophenol	9.88	196	41123	38.19	ng	#	91
45) 1,1'-Biphenyl	10.12	154	164978	38.24	ng		97
46) 2-Chloronaphthalene	10.12	162	128225	37.78	ng		98
47) 2-Nitroaniline	10.36	65	35392	42.14	ng		87
48) Acenaphthylene	10.87	152	208528	38.04	ng		99
49) Dimethylphthalate	10.78	163	156544	39.51	ng	#	98
50) 2,6-Dinitrotoluene	10.86	165	33086	40.59	ng	#	40
51) Acenaphthene	11.19	154	120562	39.07	ng		99
52) 3-Nitroaniline	11.14	138	26832	28.95	ng	#	99
53) 2,4-Dinitrophenol	11.37	184	21640	71.93	ng		95
54) Dibenzofuran	11.52	168	191177	40.56	ng		98
55) 4-Nitrophenol	11.58	139	43463	64.24	ng		87
56) 2,4-Dinitrotoluene	11.60	165	47496	44.98	ng	#	88
57) Fluorene	12.15	166	156813	41.04	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.79	232	30970	38.80	ng		96
59) Diethylphthalate	12.09	149	155231	40.63	ng		98
60) 4-Chlorophenyl-phenylether	12.22	204	71247	40.54	ng	#	85
61) 4-Nitroaniline	12.26	138	35156	37.52	ng		94
62) Azobenzene	12.50	77	146757	42.09	ng		94
64) 4,6-Dinitro-2-methylphenol	12.34	198	18754	36.99	ng		82
65) n-Nitrosodiphenylamine	12.46	169	135168	35.79	ng		99
66) 4-Bromophenyl-phenylether	13.11	248	43636	37.74	ng		96
67) Hexachlorobenzene	13.15	284	45722	36.09	ng		99
68) Atrazine	13.52	200	52338	47.85	ng		95
69) Pentachlorophenol	13.57	266	34249	62.80	ng		97
70) Phenanthrene	13.91	178	233441	36.96	ng		100
71) Anthracene	14.00	178	237539	38.17	ng		99
72) Carbazole	14.34	167	229215	39.30	ng		99
73) Di-n-butylphthalate	15.03	149	269718	40.82	ng		99
74) Fluoranthene	15.81	202	264456	39.71	ng		92
76) Benzidine	16.07	184	107361	23.24	ng		97
77) Pyrene	16.11	202	279464	37.10	ng		99
79) Butylbenzylphthalate	17.11	149	123718	43.09	ng	#	81
80) Benzo(a)anthracene	17.73	228	259018	36.28	ng		99
81) 3,3'-Dichlorobenzidine	17.74	252	66780	27.93	ng	#	98
82) Chrysene	17.77	228	250347	37.32	ng		100
83) Bis(2-ethylhexyl)phthalate	17.87	149	181109	40.22	ng		97
84) Di-n-octyl phthalate	18.66	149	321029	43.42	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.63	276	287136	37.72	ng	#	87
87) Benzo(b)fluoranthene	19.03	252	261858	36.24	ng		99
88) Benzo(k)fluoranthene	19.06	252	255735m	39.83	ng		
89) Benzo(a)pyrene	19.39	252	248585	39.42	ng	#	97
90) Dibenzo(a,h)anthracene	20.66	278	236187m	37.41	ng		
91) Benzo(g,h,i)perylene	20.95	276	243487m	38.47	ng		

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

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