Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085440.D
Acq On : 14 Mar 2016 20:30
Operator : UM/SJ
Sample : PB88851BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 15 03:38:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB88851BS

Manual Integrations APPROVED
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3/15/2016 2:09:13 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	168974	20.00	ng		-0.06
21) Naphthalene-d8	8.21	136	662275	20.00	ng		-0.06
38) Acenaphthene-d10	9.97	164	316726	20.00	ng		-0.06
63) Phenanthrene-d10	11.45	188	575587	20.00	ng		-0.06
75) Chrysene-d12	14.09	240	320884	20.00	ng		-0.06
86) Perylene-d12	15.55	264	268104	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1326125	131.64	ng		-0.03
7) Phenol-d6	6.56	99	1585949	120.17	ng		-0.05
23) Nitrobenzene-d5	7.49	82	1099812	88.86	ng		-0.06
41) 2,4,6-Tribromophenol	10.77	330	424714	156.71	ng		-0.05
44) 2-Fluorobiphenyl	9.29	172	1833727	88.05	ng		-0.06
78) Terphenyl-d14	13.04	244	1579598	114.27	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	173888	33.75	ng		97
3) Pyridine	3.43	79	475737	36.90	ng		96
4) n-Nitrosodimethylamine	3.37	42	217558	39.43	ng		98
6) Aniline	6.58	93	422175	22.82	ng		97
8) 2-Chlorophenol	6.71	128	488827	40.31	ng		99
9) Benzaldehyde	6.47	77	104455	13.40	ng		90
10) Phenol	6.57	94	579825	41.02	ng		97
11) bis(2-Chloroethyl)ether	6.66	93	490743	41.80	ng		97
12) 1,3-Dichlorobenzene	6.87	146	516170	39.64	ng		98
13) 1,4-Dichlorobenzene	6.94	146	497481	38.12	ng		98
14) 1,2-Dichlorobenzene	7.10	146	501638	42.37	ng		97
15) Benzyl Alcohol	7.06	79	401758	41.47	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	573166	33.87	ng		98
17) 2-Methylphenol	7.18	107	400811	40.50	ng		96
18) Hexachloroethane	7.44	117	196148	40.75	ng		92
19) n-Nitroso-di-n-propylamine	7.34	70	310995	36.15	ng	#	91
20) 3+4-Methylphenols	7.34	107	510560	43.56	ng	#	82
22) Acetophenone	7.34	105	619192	38.30	ng	#	95
24) Nitrobenzene	7.51	77	541069	43.04	ng		97
25) Isophorone	7.75	82	975888	42.55	ng		98
26) 2-Nitrophenol	7.83	139	285309	46.63	ng		93
27) 2,4-Dimethylphenol	7.86	122	479642	42.90	ng		95
28) bis(2-Chloroethoxy)methane	7.96	93	556441	43.56	ng		99
29) 2,4-Dichlorophenol	8.07	162	414685	45.99	ng		93
30) 1,2,4-Trichlorobenzene	8.15	180	408940	41.95	ng		99
31) Naphthalene	8.23	128	1319676	40.52	ng		99
32) Benzoic acid	7.99	122	324698	43.72	ng		99
33) 4-Chloroaniline	8.28	127	134249	10.19	ng		97
34) Hexachlorobutadiene	8.36	225	218748	43.12	ng		99
35) Caprolactam	8.65	113	140069m	47.56	ng		
36) 4-Chloro-3-methylphenol	8.77	107	447912	43.78	ng		98
37) 2-Methylnaphthalene	8.93	142	990800	47.41	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	366747	40.49	ng		98
40) Hexachlorocyclopentadiene	9.08	237	327017	66.94	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	271407	40.25	ng		97
43) 2,4,5-Trichlorophenol	9.25	196	290380	45.42	ng		99
45) 1,1'-Biphenyl	9.40	154	1097297	40.55	ng		92
46) 2-Chloronaphthalene	9.42	162	900938	43.68	ng		98
47) 2-Nitroaniline	9.51	65	275895	43.17	ng		88
48) Acenaphthylene	9.83	152	1298269	40.44	ng		99
49) Dimethylphthalate	9.69	163	1000018	41.14	ng		99
50) 2,6-Dinitrotoluene	9.75	165	204293	39.28	ng	#	81
51) Acenaphthene	10.00	154	869763	44.62	ng		99
52) 3-Nitroaniline	9.92	138	170372	27.38	ng		93
53) 2,4-Dinitrophenol	10.02	184	202781	77.15	ng	#	64
54) Dibenzofuran	10.17	168	1085804	42.52	ng		99
55) 4-Nitrophenol	10.09	139	431920	88.33	ng		97
56) 2,4-Dinitrotoluene	10.16	165	339086	50.95	ng	#	83
57) Fluorene	10.52	166	823934	41.07	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.30	232	220282	49.05	ng		96
59) Diethylphthalate	10.39	149	986232	41.81	ng		97
60) 4-Chlorophenyl-phenylether	10.50	204	393831	40.35	ng		93
61) 4-Nitroaniline	10.54	138	234441	40.28	ng		98
62) Azobenzene	10.66	77	1033864	44.48	ng		98
64) 4,6-Dinitro-2-methylphenol	10.56	198	141357	41.02	ng	#	43
65) n-Nitrosodiphenylamine	10.63	169	834910	46.64	ng		99
66) 4-Bromophenyl-phenylether	11.00	248	239753	42.90	ng		91
67) Hexachlorobenzene	11.06	284	264176	44.31	ng	#	90
68) Atrazine	11.16	200	262321	52.69	ng		98
69) Pentachlorophenol	11.26	266	291452	88.06	ng		100
70) Phenanthrene	11.48	178	1202777	39.87	ng		100
71) Anthracene	11.53	178	1408460	43.98	ng		99
72) Carbazole	11.68	167	1064435	37.91	ng		99
73) Di-n-butylphthalate	12.01	149	1526390	43.00	ng		99
74) Fluoranthene	12.66	202	1183144	39.08	ng		98
76) Benzidine	12.78	184	393250	41.18	ng		99
77) Pyrene	12.89	202	1152393	47.71	ng		100
79) Butylbenzylphthalate	13.51	149	585360	53.42	ng	#	83
80) Benzo(a)anthracene	14.08	228	800288	41.66	ng		99
81) 3,3'-Dichlorobenzidine	14.04	252	151147	24.94	ng		97
82) Chrysene	14.12	228	735627	41.45	ng		99
83) Bis(2-ethylhexyl)phthalate	14.07	149	721876	50.06	ng	#	96
84) Di-n-octyl phthalate	14.68	149	1039907	47.35	ng		98
85) Indeno(1,2,3-cd)pyrene	17.00	276	805219	58.14	ng		96
87) Benzo(b)fluoranthene	15.12	252	686118	38.39	ng	#	97
88) Benzo(k)fluoranthene	15.16	252	674836m	46.82	ng		
89) Benzo(a)pyrene	15.49	252	671986	45.38	ng		99
90) Dibenzo(a,h)anthracene	17.02	278	677468	53.59	ng	#	93
91) Benzo(g,h,i)perylene	17.43	276	665145	52.33	ng		99

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

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