Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
Data File : BF086526.D
Acq On : 30 Apr 2016 16:24
Operator : UM/SJ
Sample : PB90053BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90053BS

Manual Integrations APPROVED
sohil
5/2/2016 7:53:03 PM

Quant Time: May 01 04:13:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 01 01:17:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	137688	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	606884	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	289845	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	572778	20.00	ng		0.00
75) Chrysene-d12	13.92	240	422525	20.00	ng		0.00
86) Perylene-d12	15.31	264	343353	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1021895	128.02	ng		0.01
7) Phenol-d6	6.41	99	1427176	128.10	ng		0.00
23) Nitrobenzene-d5	7.33	82	883131	78.44	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	387548	126.79	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1549644	96.18	ng		0.00
78) Terphenyl-d14	12.88	244	1498025	78.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	150669	35.93	ng	#	77
3) Pyridine	3.07	79	434933	43.82	ng	#	75
4) n-Nitrosodimethylamine	3.01	42	254997	45.08	ng	#	60
6) Aniline	6.43	93	214028	15.88	ng	#	38
8) 2-Chlorophenol	6.56	128	410033	41.24	ng		95
9) Benzaldehyde	6.30	77	64627	9.97	ng		95
10) Phenol	6.42	94	446697	35.94	ng	#	66
11) bis(2-Chloroethyl)ether	6.51	93	447655	41.66	ng		93
12) 1,3-Dichlorobenzene	6.70	146	411126m	38.44	ng		
13) 1,4-Dichlorobenzene	6.78	146	437134	39.62	ng		96
14) 1,2-Dichlorobenzene	6.93	146	383474	37.90	ng		96
15) Benzyl Alcohol	6.91	79	339936	48.23	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.06	45	858528	39.92	ng		90
17) 2-Methylphenol	7.04	107	358766	44.64	ng		95
18) Hexachloroethane	7.28	117	154640	37.50	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	303745	41.25	ng	#	70
20) 3+4-Methylphenols	7.18	107	410011	44.69	ng		91
22) Acetophenone	7.18	105	566337	42.56	ng	#	90
24) Nitrobenzene	7.36	77	479644	41.41	ng		94
25) Isophorone	7.60	82	855057	39.46	ng		99
26) 2-Nitrophenol	7.68	139	222583	41.74	ng		95
27) 2,4-Dimethylphenol	7.72	122	393541	42.06	ng		96
28) bis(2-Chloroethoxy)methane	7.81	93	540783	45.81	ng		98
29) 2,4-Dichlorophenol	7.92	162	352309	44.63	ng		97
30) 1,2,4-Trichlorobenzene	8.00	180	353418	38.59	ng		96
31) Naphthalene	8.08	128	1210169	39.19	ng		99
32) Benzoic acid	7.85	122	171695	33.54	ng		88
33) 4-Chloroaniline	8.13	127	97073	8.39	ng		98
34) Hexachlorobutadiene	8.20	225	192085	37.41	ng		97
35) Caprolactam	8.50	113	116105m	44.09	ng		
36) 4-Chloro-3-methylphenol	8.62	107	411110	45.48	ng		98
37) 2-Methylnaphthalene	8.77	142	791519	43.44	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	302397	36.45	ng	#	96
40) Hexachlorocyclopentadiene	8.92	237	317456	77.00	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	223263	42.57	ng		94
43) 2,4,5-Trichlorophenol	9.09	196	238980	41.81	ng	#	92
45) 1,1'-Biphenyl	9.23	154	929404	38.36	ng		96
46) 2-Chloronaphthalene	9.25	162	707161	38.39	ng		94
47) 2-Nitroaniline	9.36	65	289485	49.01	ng		90
48) Acenaphthylene	9.66	152	1121363	38.95	ng		99
49) Dimethylphthalate	9.54	163	887886	40.69	ng		100
50) 2,6-Dinitrotoluene	9.60	165	190450	42.25	ng	#	90
51) Acenaphthene	9.84	154	768838	41.57	ng		98
52) 3-Nitroaniline	9.77	138	71053	13.86	ng		99
53) 2,4-Dinitrophenol	9.87	184	143153	60.22	ng	#	77
54) Dibenzofuran	10.02	168	1027753	44.46	ng		95
55) 4-Nitrophenol	9.94	139	303213	90.33	ng	#	74
56) 2,4-Dinitrotoluene	10.01	165	252459	43.93	ng	#	82
57) Fluorene	10.35	166	721103	35.93	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	211937	47.42	ng		98
59) Diethylphthalate	10.24	149	847140	41.01	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	372031	40.83	ng	#	87
61) 4-Nitroaniline	10.38	138	205024	40.91	ng		89
62) Azobenzene	10.51	77	1027280	45.40	ng		90
64) 4,6-Dinitro-2-methylphenol	10.41	198	125271	37.25	ng	#	77
65) n-Nitrosodiphenylamine	10.46	169	699977	39.10	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	232696	39.43	ng	#	78
67) Hexachlorobenzene	10.90	284	249289	36.49	ng	#	78
68) Atrazine	11.00	200	253347	47.13	ng		95
69) Pentachlorophenol	11.09	266	252410	70.08	ng		96
70) Phenanthrene	11.31	178	1138917	37.89	ng		100
71) Anthracene	11.37	178	1317077	41.06	ng		99
72) Carbazole	11.52	167	1124178	39.54	ng		98
73) Di-n-butylphthalate	11.86	149	1357410	42.14	ng		99
74) Fluoranthene	12.50	202	1270983	41.89	ng		91
76) Benzidine	12.63	184	259411	17.87	ng		95
77) Pyrene	12.72	202	1218041	40.01	ng		99
79) Butylbenzylphthalate	13.35	149	519249	39.38	ng	#	71
80) Benzo(a)anthracene	13.91	228	946984	42.04	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	121453	8.07	ng		99
82) Chrysene	13.94	228	962916	39.33	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	578719	35.36	ng	#	96
84) Di-n-octyl phthalate	14.51	149	995816	38.85	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	826220	45.54	ng		97
87) Benzo(b)fluoranthene	14.92	252	901520m	44.63	ng		
88) Benzo(k)fluoranthene	14.95	252	788161m	37.41	ng		
89) Benzo(a)pyrene	15.25	252	786640	41.25	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	693242	44.42	ng		98
91) Benzo(g,h,i)perylene	17.05	276	700199	44.77	ng		95

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

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