Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089603.D
Acq On : 4 Aug 2016 23:38
Operator : UM/SJ
Sample : PB92673BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92673BS

Manual Integrations APPROVED
sohil
8/5/2016 6:58:54 PM

Quant Time: Aug 05 02:04:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	43933	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	191977	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	91485	20.00	ng	0.00
63) Phenanthrene-d10	14.70	188	172399	20.00	ng	0.00
75) Chrysene-d12	18.39	240	121772	20.00	ng	0.00
86) Perylene-d12	20.05	264	84326	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	299719	114.34	ng	0.02
7) Phenol-d6	6.98	99	396136	111.40	ng	0.00
23) Nitrobenzene-d5	8.35	82	257414	74.17	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	86027	113.95	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	502927	71.45	ng	0.00
78) Terphenyl-d14	17.05	244	429048	69.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.84	88	41568	27.66	ng	# 84
3) Pyridine	2.40	79	92566	33.52	ng	99
4) n-Nitrosodimethylamine	2.36	42	38903	34.21	ng	94
6) Aniline	6.95	93	117049	25.40	ng	98
8) 2-Chlorophenol	7.12	128	124347	38.64	ng	99
9) Benzaldehyde	6.75	77	34238	26.54	ng	95
10) Phenol	7.00	94	141240	38.69	ng	98
11) bis(2-Chloroethyl)ether	7.08	93	115779	36.91	ng	96
12) 1,3-Dichlorobenzene	7.35	146	121467	34.75	ng	99
13) 1,4-Dichlorobenzene	7.47	146	120273	34.50	ng	99
14) 1,2-Dichlorobenzene	7.70	146	126289	34.37	ng	98
15) Benzyl Alcohol	7.74	79	95484	40.95	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.94	45	139139	34.84	ng	95
17) 2-Methylphenol	7.94	107	92162	39.65	ng	96
18) Hexachloroethane	8.22	117	51088	34.78	ng	89
19) n-Nitroso-di-n-propylamine	8.16	70	93623	36.45	ng	95
20) 3+4-Methylphenols	8.20	107	117358	40.00	ng	99
22) Acetophenone	8.12	105	134648	29.42	ng	97
24) Nitrobenzene	8.39	77	119535	36.26	ng	94
25) Isophorone	8.78	82	250857	37.75	ng	100
26) 2-Nitrophenol	8.89	139	55634	36.77	ng	99
27) 2,4-Dimethylphenol	9.03	122	107813	39.64	ng	98
28) bis(2-Chloroethoxy)methane	9.16	93	149259	37.12	ng	98
29) 2,4-Dichlorophenol	9.30	162	95548	37.12	ng	98
30) 1,2,4-Trichlorobenzene	9.40	180	103844	35.33	ng	97
31) Naphthalene	9.51	128	365782	35.85	ng	99
32) Benzoic acid	9.34	122	45930	26.88	ng	97
33) 4-Chloroaniline	9.67	127	42610	11.12	ng	98
34) Hexachlorobutadiene	9.72	225	56637	33.46	ng	98
35) Caprolactam	10.26	113	29972m	39.96	ng	
36) 4-Chloro-3-methylphenol	10.50	107	113746	38.02	ng	94
37) 2-Methylnaphthalene	10.63	142	229980	36.65	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	91929	26.74	ng	98
40) Hexachlorocyclopentadiene	10.89	237	85043	72.43	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	61518	36.27	ng		98
43) 2,4,5-Trichlorophenol	11.20	196	70052	38.65	ng		97
45) 1,1'-Biphenyl	11.40	154	262418	31.81	ng		100
46) 2-Chloronaphthalene	11.42	162	222038	35.90	ng		98
47) 2-Nitroaniline	11.62	65	69510	34.86	ng		98
48) Acenaphthylene	12.07	152	366231	35.94	ng		100
49) Dimethylphthalate	11.96	163	280967	39.18	ng		100
50) 2,6-Dinitrotoluene	12.04	165	57380	40.25	ng		97
51) Acenaphthene	12.35	154	212191	36.05	ng		99
52) 3-Nitroaniline	12.31	138	31724	18.60	ng	#	94
53) 2,4-Dinitrophenol	12.50	184	42207	70.49	ng		98
54) Dibenzofuran	12.64	168	328322	40.58	ng		99
55) 4-Nitrophenol	12.67	139	63256m	68.02	ng		
56) 2,4-Dinitrotoluene	12.70	165	79311	39.55	ng		98
57) Fluorene	13.19	166	264074	38.18	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.87	232	55891	40.62	ng		98
59) Diethylphthalate	13.11	149	287260	38.74	ng		99
60) 4-Chlorophenyl-phenylether	13.22	204	119470	37.67	ng		98
61) 4-Nitroaniline	13.31	138	53990	35.22	ng		95
62) Azobenzene	13.47	77	306740	42.77	ng		92
64) 4,6-Dinitro-2-methylphenol	13.36	198	38196	37.52	ng		98
65) n-Nitrosodiphenylamine	13.44	169	224974	38.64	ng		100
66) 4-Bromophenyl-phenylether	14.01	248	66366	39.80	ng		96
67) Hexachlorobenzene	14.07	284	65456	35.68	ng		99
68) Atrazine	14.35	200	72389	44.53	ng		98
69) Pentachlorophenol	14.42	266	57974	74.14	ng		98
70) Phenanthrene	14.73	178	368535	39.31	ng		99
71) Anthracene	14.81	178	384767	38.28	ng		100
72) Carbazole	15.10	167	334321	39.91	ng		99
73) Di-n-butylphthalate	15.69	149	448967	39.63	ng		99
74) Fluoranthene	16.49	202	374607	38.87	ng		99
76) Benzidine	16.73	184	122735	33.25	ng		99
77) Pyrene	16.79	202	362510	33.67	ng		98
79) Butylbenzylphthalate	17.73	149	178340	38.93	ng		98
80) Benzo(a)anthracene	18.38	228	268828	38.42	ng		98
81) 3,3'-Dichlorobenzidine	18.37	252	52801	23.95	ng		98
82) Chrysene	18.42	228	274838	37.44	ng		99
83) Bis(2-ethylhexyl)phthalate	18.47	149	244111	38.48	ng		100
84) Di-n-octyl phthalate	19.23	149	361880	39.64	ng		99
85) Indeno(1,2,3-cd)pyrene	21.22	276	199333	35.76	ng		100
87) Benzo(b)fluoranthene	19.65	252	206005	39.72	ng		100
88) Benzo(k)fluoranthene	19.67	252	204559m	39.10	ng		
89) Benzo(a)pyrene	19.99	252	190876	39.31	ng		99
90) Dibenzo(a,h)anthracene	21.23	278	167726	36.98	ng		99
91) Benzo(g,h,i)perylene	21.55	276	170553	36.73	ng		99

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

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