Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100738.D
Acq On : 20 Nov 2017 18:59
Operator : SJ/JU
Sample : PB104343BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104343BS

Manual Integrations APPROVED
SOHIL
11/21/2017 2:15:24 PM

Quant Time: Nov 21 04:33:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	78264	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	316137	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	151458	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	299093	20.00	ng		0.00
75) Chrysene-d12	14.04	240	219546	20.00	ng		0.00
86) Perylene-d12	15.50	264	166035	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	598331	122.55	ng		0.00
7) Phenol-d6	6.50	99	722330	119.98	ng		0.00
23) Nitrobenzene-d5	7.43	82	449028	93.90	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	213466	138.31	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	954105	95.92	ng		-0.01
78) Terphenyl-d14	12.98	244	962437	100.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	79473	33.401	ng		95
3) Pyridine	3.49	79	230387	35.491	ng		97
4) n-Nitrosodimethylamine	3.45	42	110918	35.193	ng	#	97
6) Aniline	6.54	93	189599	22.291	ng		96
8) 2-Chlorophenol	6.66	128	235779	45.649	ng		98
9) Benzaldehyde	6.42	77	81712	19.005	ng		96
10) Phenol	6.52	94	281413	44.525	ng		98
11) bis(2-Chloroethyl)ether	6.61	93	213431	40.203	ng		99
12) 1,3-Dichlorobenzene	6.81	146	263578	44.262	ng		98
13) 1,4-Dichlorobenzene	6.89	146	268833	44.604	ng		98
14) 1,2-Dichlorobenzene	7.04	146	249986	44.860	ng		98
15) Benzyl Alcohol	7.01	79	201319	42.845	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	373300	43.965	ng		98
17) 2-Methylphenol	7.12	107	201282	45.602	ng		98
18) Hexachloroethane	7.38	117	89297	44.935	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	160163	38.359	ng		97
20) 3+4-Methylphenols	7.27	107	243311	43.561	ng	#	78
22) Acetophenone	7.28	105	312354	40.519	ng	#	96
24) Nitrobenzene	7.46	77	239718	48.707	ng		92
25) Isophorone	7.69	82	435087	43.299	ng		99
26) 2-Nitrophenol	7.77	139	132396	56.325	ng		91
27) 2,4-Dimethylphenol	7.80	122	224097	49.750	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	276917	42.130	ng		98
29) 2,4-Dichlorophenol	8.01	162	209970	48.828	ng		94
30) 1,2,4-Trichlorobenzene	8.09	180	219267	47.139	ng		96
31) Naphthalene	8.17	128	683405	44.882	ng		99
32) Benzoic acid	7.92	122	140195	42.080	ng		96
33) 4-Chloroaniline	8.22	127	68858	10.864	ng		97
34) Hexachlorobutadiene	8.29	225	124141	44.886	ng		99
35) Caprolactam	8.60	113	63166m	42.803	ng		
36) 4-Chloro-3-methylphenol	8.70	107	212427	45.995	ng		95
37) 2-Methylnaphthalene	8.87	142	472462	46.736	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	219420	43.682	ng		97
40) Hexachlorocyclopentadiene	9.02	237	240686	101.808	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	160304	50.354	ng		98
43) 2,4,5-Trichlorophenol	9.19	196	163868	49.681	ng	#	90
45) 1,1'-Biphenyl	9.33	154	564780	43.114	ng		98
46) 2-Chloronaphthalene	9.36	162	447413	47.080	ng		96
47) 2-Nitroaniline	9.45	65	132029	47.075	ng		98
48) Acenaphthylene	9.77	152	691000	43.875	ng		100
49) Dimethylphthalate	9.63	163	514667	44.506	ng	#	99
50) 2,6-Dinitrotoluene	9.69	165	117489	51.327	ng		96
51) Acenaphthene	9.95	154	409080	42.709	ng		99
52) 3-Nitroaniline	9.86	138	57996	21.456	ng		87
53) 2,4-Dinitrophenol	9.97	184	115205	101.544	ng	#	10
54) Dibenzofuran	10.12	168	605894	45.133	ng		99
55) 4-Nitrophenol	10.03	139	195471	89.061	ng		87
56) 2,4-Dinitrotoluene	10.10	165	154256	53.418	ng	#	95
57) Fluorene	10.46	166	471707	47.965	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	137412	50.831	ng	#	85
59) Diethylphthalate	10.33	149	504253	43.574	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	230346	47.746	ng		89
61) 4-Nitroaniline	10.48	138	124266	48.484	ng		87
62) Azobenzene	10.61	77	451025	41.381	ng		95
64) 4,6-Dinitro-2-methylphenol	10.51	198	79502	51.815	ng	#	72
65) n-Nitrosodiphenylamine	10.57	169	448550	43.131	ng		95
66) 4-Bromophenyl-phenylether	10.94	248	147158	45.897	ng	#	87
67) Hexachlorobenzene	11.00	284	156403	46.641	ng	#	91
68) Atrazine	11.09	200	145041	46.073	ng		97
69) Pentachlorophenol	11.20	266	177109	73.656	ng		99
70) Phenanthrene	11.42	178	717991	45.594	ng		99
71) Anthracene	11.47	178	742682	46.485	ng		99
72) Carbazole	11.63	167	669182	45.393	ng		99
73) Di-n-butylphthalate	11.95	149	803329	46.566	ng		98
74) Fluoranthene	12.61	202	773119	46.324	ng		97
76) Benzidine	12.73	184	177488	20.187	ng		98
77) Pyrene	12.84	202	776668	49.627	ng		99
79) Butylbenzylphthalate	13.45	149	310991	48.727	ng	#	92
80) Benzo(a)anthracene	14.03	228	641270	48.504	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	85692	18.090	ng	#	96
82) Chrysene	14.06	228	592058	46.245	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	394635	47.012	ng		99
84) Di-n-octyl phthalate	14.62	149	566234	39.265	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	501271	48.406	ng		94
87) Benzo(b)fluoranthene	15.07	252	466657	47.440	ng		98
88) Benzo(k)fluoranthene	15.10	252	459462	49.435	ng	#	97
89) Benzo(a)pyrene	15.44	252	428277	49.111	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	417114	58.487	ng	#	94
91) Benzo(g,h,i)perylene	17.44	276	439017	62.885	ng	#	93

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

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