Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109469.D
Acq On : 29 Sep 2018 9:29
Operator : JU/SJ
Sample : PB113313BSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB113313BSD

Manual Integrations APPROVED
Sohil
10/1/2018 9:57:37 AM

Quant Time: Oct 01 04:05:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	108030	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	409961	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	197549	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	357635	20.00	ng		0.00
75) Chrysene-d12	13.85	240	200664	20.00	ng		0.00
86) Perylene-d12	15.24	264	209250	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	499358	76.13	ng		0.01
7) Phenol-d6	6.35	99	642979	76.83	ng		0.00
23) Nitrobenzene-d5	7.27	82	582677	83.90	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	157167	80.71	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1056873	80.69	ng		0.00
78) Terphenyl-d14	12.80	244	954436	116.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	94368	31.240	ng		93
3) Pyridine	3.18	79	258598	33.262	ng		91
4) n-Nitrosodimethylamine	3.12	42	126821	38.330	ng	#	98
6) Aniline	6.37	93	162184	15.146	ng	#	14
8) 2-Chlorophenol	6.49	128	270627	37.104	ng		98
9) Benzaldehyde	6.25	77	150673	28.024	ng		99
10) Phenol	6.36	94	331724	34.999	ng		81
11) bis(2-Chloroethyl)ether	6.45	93	256845	34.632	ng		96
12) 1,3-Dichlorobenzene	6.65	146	293100	34.902	ng		98
13) 1,4-Dichlorobenzene	6.72	146	291507	34.456	ng		99
14) 1,2-Dichlorobenzene	6.88	146	272361	34.898	ng		98
15) Benzyl Alcohol	6.85	79	238921	37.295	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	358000	34.031	ng		91
17) 2-Methylphenol	6.97	107	225369	38.188	ng		95
18) Hexachloroethane	7.22	117	94842	31.819	ng		95
19) n-Nitroso-di-n-propylamine	7.13	70	191868	34.986	ng		98
20) 3+4-Methylphenols	7.13	107	274662	38.548	ng		90
22) Acetophenone	7.12	105	380685	40.164	ng	#	97
24) Nitrobenzene	7.29	77	288177	39.026	ng		98
25) Isophorone	7.53	82	530321	42.406	ng		99
26) 2-Nitrophenol	7.61	139	123410	42.261	ng		94
27) 2,4-Dimethylphenol	7.65	122	244673	44.902	ng		100
28) bis(2-Chloroethoxy)methane	7.75	93	329906	39.852	ng		99
29) 2,4-Dichlorophenol	7.85	162	231818	40.491	ng		100
30) 1,2,4-Trichlorobenzene	7.93	180	233206	36.454	ng		97
31) Naphthalene	8.01	128	765728	39.970	ng		99
32) Benzoic acid	7.76	122	79690m	25.270	ng		
33) 4-Chloroaniline	8.06	127	62611	7.481	ng		97
34) Hexachlorobutadiene	8.13	225	140156	36.342	ng		98
35) Caprolactam	8.44	113	75308m	41.200	ng		
36) 4-Chloro-3-methylphenol	8.56	107	244223	40.538	ng		98
37) 2-Methylnaphthalene	8.70	142	513599	41.587	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	236106	37.554	ng		98
40) Hexachlorocyclopentadiene	8.86	237	133408	48.650	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	157978	39.151	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	168766	39.602	ng		96
45) 1,1'-Biphenyl	9.17	154	616830	38.323	ng		97
46) 2-Chloronaphthalene	9.19	162	474043	36.866	ng		97
47) 2-Nitroaniline	9.29	65	156564	42.946	ng		99
48) Acenaphthylene	9.60	152	767273	39.554	ng		100
49) Dimethylphthalate	9.47	163	572369	39.835	ng		99
50) 2,6-Dinitrotoluene	9.53	165	119476	41.985	ng		95
51) Acenaphthene	9.77	154	437565	37.310	ng		99
52) 3-Nitroaniline	9.69	138	80325	24.374	ng		99
53) 2,4-Dinitrophenol	9.80	184	33539	38.206	ng	#	19
54) Dibenzofuran	9.95	168	647630	37.131	ng		97
55) 4-Nitrophenol	9.86	139	164162	66.126	ng		93
56) 2,4-Dinitrotoluene	9.93	165	155571	43.207	ng	#	99
57) Fluorene	10.29	166	490289	39.398	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	129553	38.394	ng		90
59) Diethylphthalate	10.17	149	561082	38.562	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	236792	36.430	ng		94
61) 4-Nitroaniline	10.30	138	118419	36.846	ng		95
62) Azobenzene	10.44	77	550501	36.416	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	32821	26.334	ng		86
65) n-Nitrosodiphenylamine	10.40	169	475996	40.284	ng		95
66) 4-Bromophenyl-phenylether	10.77	248	157377	39.628	ng	#	87
67) Hexachlorobenzene	10.84	284	164376	38.971	ng	#	89
68) Atrazine	10.93	200	153434	42.221	ng		96
69) Pentachlorophenol	11.03	266	127878	50.656	ng		98
70) Phenanthrene	11.25	178	714639	40.021	ng		99
71) Anthracene	11.29	178	740125	40.865	ng		100
72) Carbazole	11.45	167	646136	35.857	ng		100
73) Di-n-butylphthalate	11.79	149	837786	40.386	ng		99
74) Fluoranthene	12.43	202	704110	36.897	ng		95
76) Benzidine	12.55	184	252156	34.853	ng		98
77) Pyrene	12.65	202	681747	47.405	ng		99
79) Butylbenzylphthalate	13.27	149	301566	49.289	ng		96
80) Benzo(a)anthracene	13.83	228	472620	39.103	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	100620	21.905	ng	#	96
82) Chrysene	13.87	228	467867	39.055	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	353266	45.782	ng		98
84) Di-n-octyl phthalate	14.44	149	545445	41.342	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	465032	47.891	ng	#	92
87) Benzo(b)fluoranthene	14.85	252	464628	40.409	ng		97
88) Benzo(k)fluoranthene	14.88	252	426204	39.063	ng	#	95
89) Benzo(a)pyrene	15.19	252	431390	41.637	ng		98
90) Dibenzo(a,h)anthracene	16.61	278	387536	45.593	ng		96
91) Benzo(g,h,i)perylene	17.00	276	368688	44.134	ng	#	92

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

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