Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109220.D
Acq On : 22 Sep 2018 14:48
Operator : JU/SJ
Sample : PB113095BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB113095BS

Manual Integrations APPROVED
Sohil
9/24/2018 11:38:43 AM

Quant Time: Sep 24 07:09:37 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	101311	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	407683	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	195800	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	394704	20.00	ng		0.00
75) Chrysene-d12	13.84	240	289528	20.00	ng		0.00
86) Perylene-d12	15.23	264	255324	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	634449	103.15	ng		0.00
7) Phenol-d6	6.35	99	804452	102.49	ng		-0.01
23) Nitrobenzene-d5	7.27	82	496670	71.92	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	212471	110.08	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	945217	72.81	ng		0.00
78) Terphenyl-d14	12.80	244	1014120	85.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	108833	38.418	ng		93
3) Pyridine	3.15	79	305861	41.950	ng		92
4) n-Nitrosodimethylamine	3.08	42	139943	45.101	ng	#	97
6) Aniline	6.37	93	317123	31.580	ng		98
8) 2-Chlorophenol	6.49	128	275546	40.284	ng		97
9) Benzaldehyde	6.25	77	137984	27.366	ng		98
10) Phenol	6.36	94	342115	38.489	ng		72
11) bis(2-Chloroethyl)ether	6.45	93	267275	38.428	ng		97
12) 1,3-Dichlorobenzene	6.65	146	306955	38.976	ng		96
13) 1,4-Dichlorobenzene	6.72	146	310679	39.158	ng		99
14) 1,2-Dichlorobenzene	6.88	146	287148	39.233	ng		96
15) Benzyl Alcohol	6.85	79	242211	40.316	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	390181	39.550	ng		95
17) 2-Methylphenol	6.97	107	227443	41.095	ng		96
18) Hexachloroethane	7.22	117	111912	40.036	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	199662	38.822	ng		98
20) 3+4-Methylphenols	7.12	107	269412	40.319	ng	#	73
22) Acetophenone	7.12	105	380255	40.343	ng	#	91
24) Nitrobenzene	7.29	77	298363	40.632	ng		96
25) Isophorone	7.53	82	554648	44.599	ng		97
26) 2-Nitrophenol	7.60	139	131272	45.204	ng		95
27) 2,4-Dimethylphenol	7.65	122	245524	45.310	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	342556	41.611	ng		98
29) 2,4-Dichlorophenol	7.85	162	234644	41.214	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	244042	38.361	ng		96
31) Naphthalene	8.01	128	789863	41.461	ng		100
32) Benzoic acid	7.73	122	32169m	14.296	ng		
33) 4-Chloroaniline	8.06	127	188787	22.684	ng		98
34) Hexachlorobutadiene	8.13	225	145194	37.858	ng		97
35) Caprolactam	8.42	113	73036m	40.181	ng		
36) 4-Chloro-3-methylphenol	8.55	107	250413	41.798	ng		99
37) 2-Methylnaphthalene	8.70	142	531493	43.277	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	231887	37.213	ng		99
40) Hexachlorocyclopentadiene	8.86	237	271288	99.814	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	163267	40.823	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	173271	41.022	ng		95
45) 1,1'-Biphenyl	9.16	154	638541	40.026	ng		99
46) 2-Chloronaphthalene	9.19	162	493534	38.725	ng		99
47) 2-Nitroaniline	9.28	65	156489	43.309	ng		95
48) Acenaphthylene	9.60	152	807700	42.010	ng		100
49) Dimethylphthalate	9.47	163	582650	40.913	ng		99
50) 2,6-Dinitrotoluene	9.52	165	125198	44.388	ng		89
51) Acenaphthene	9.77	154	484917	41.717	ng		100
52) 3-Nitroaniline	9.69	138	107352	32.866	ng		91
53) 2,4-Dinitrophenol	9.79	184	50361	53.503	ng	#	19
54) Dibenzofuran	9.95	168	686930	39.736	ng		98
55) 4-Nitrophenol	9.86	139	199492	81.075	ng		87
56) 2,4-Dinitrotoluene	9.93	165	164080	45.977	ng	#	97
57) Fluorene	10.29	166	520440	42.194	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	145396	43.475	ng		92
59) Diethylphthalate	10.17	149	588037	40.775	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	243124	37.738	ng		93
61) 4-Nitroaniline	10.30	138	139649	43.840	ng		97
62) Azobenzene	10.44	77	601289	40.131	ng		96
64) 4,6-Dinitro-2-methylphenol	10.33	198	47884	32.713	ng		89
65) n-Nitrosodiphenylamine	10.40	169	502513	38.534	ng		95
66) 4-Bromophenyl-phenylether	10.76	248	166561	38.001	ng		93
67) Hexachlorobenzene	10.83	284	174524	37.491	ng		92
68) Atrazine	10.93	200	163116	40.670	ng		97
69) Pentachlorophenol	11.03	266	159667	57.308	ng		98
70) Phenanthrene	11.24	178	804435	40.819	ng		99
71) Anthracene	11.29	178	839863	42.017	ng		100
72) Carbazole	11.44	167	754209	37.923	ng		99
73) Di-n-butylphthalate	11.79	149	933954	40.793	ng		99
74) Fluoranthene	12.42	202	886280	42.082	ng		97
76) Benzidine	12.54	184	483279	46.296	ng		99
77) Pyrene	12.64	202	884730	42.638	ng		100
79) Butylbenzylphthalate	13.27	149	398921	45.189	ng		98
80) Benzo(a)anthracene	13.83	228	749319	42.968	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	156271	23.579	ng		97
82) Chrysene	13.87	228	726931	42.056	ng		100
83) Bis(2-ethylhexyl)phthalate	13.84	149	492884	44.271	ng		99
84) Di-n-octyl phthalate	14.44	149	836523	43.944	ng		99
85) Indeno(1,2,3-cd)pyrene	16.58	276	576287	41.133	ng	#	93
87) Benzo(b)fluoranthene	14.84	252	628298	44.783	ng		98
88) Benzo(k)fluoranthene	14.87	252	580377	43.594	ng	#	96
89) Benzo(a)pyrene	15.18	252	548666	43.400	ng		98
90) Dibenzo(a,h)anthracene	16.60	278	472884	45.595	ng	#	96
91) Benzo(g,h,i)perylene	16.99	276	490733	48.143	ng		92

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

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