Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109181.D
Acq On : 20 Sep 2018 14:54
Operator : JU/SJ
Sample : PB113049BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB113049BS

Manual Integrations APPROVED
Sohil
9/21/2018 10:37:48 AM

Quant Time: Sep 20 15:21:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	139765	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	574475	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	279665	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	542908	20.00	ng		0.00
75) Chrysene-d12	13.86	240	368997	20.00	ng		0.00
86) Perylene-d12	15.26	264	317401	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	880210	104.60	ng		0.02
7) Phenol-d6	6.37	99	1118456	103.08	ng		0.00
23) Nitrobenzene-d5	7.28	82	714316	69.74	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	313046	103.14	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1324986	74.23	ng		0.00
78) Terphenyl-d14	12.81	244	1299138	83.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	135880	33.921	ng		93
3) Pyridine	3.20	79	366236	34.489	ng		88
4) n-Nitrosodimethylamine	3.14	42	179213	44.687	ng	#	96
6) Aniline	6.38	93	442376	31.542	ng	#	76
8) 2-Chlorophenol	6.51	128	385366	40.921	ng		93
9) Benzaldehyde	6.27	77	195183	28.164	ng		98
10) Phenol	6.38	94	472537	38.703	ng		73
11) bis(2-Chloroethyl)ether	6.46	93	373011	38.834	ng		97
12) 1,3-Dichlorobenzene	6.67	146	419542	38.956	ng		99
13) 1,4-Dichlorobenzene	6.74	146	425295	39.364	ng		100
14) 1,2-Dichlorobenzene	6.90	146	393421	39.277	ng		97
15) Benzyl Alcohol	6.87	79	340604	41.347	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	523752	38.057	ng		94
17) 2-Methylphenol	6.98	107	317374	41.308	ng		95
18) Hexachloroethane	7.24	117	159571	40.665	ng		99
19) n-Nitroso-di-n-propylamine	7.14	70	280770	39.146	ng		98
20) 3+4-Methylphenols	7.14	107	376701	40.710	ng	#	71
22) Acetophenone	7.13	105	535607	41.055	ng	#	93
24) Nitrobenzene	7.30	77	416119	39.405	ng		98
25) Isophorone	7.55	82	770313	43.752	ng		98
26) 2-Nitrophenol	7.62	139	201465	40.857	ng		96
27) 2,4-Dimethylphenol	7.67	122	352970	45.634	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	478782	40.411	ng		99
29) 2,4-Dichlorophenol	7.87	162	333984	40.520	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	344083	38.618	ng		98
31) Naphthalene	8.02	128	1111287	41.678	ng		99
32) Benzoic acid	7.80	122	209042	41.361	ng		97
33) 4-Chloroaniline	8.07	127	315636	26.624	ng		99
34) Hexachlorobutadiene	8.15	225	209148	38.450	ng		97
35) Caprolactam	8.45	113	105899m	39.408	ng		
36) 4-Chloro-3-methylphenol	8.56	107	349778	40.312	ng		98
37) 2-Methylnaphthalene	8.72	142	754148	43.389	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	332241	37.745	ng		99
40) Hexachlorocyclopentadiene	8.88	237	369900	83.407	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	238925	40.384	ng		100
43) 2,4,5-Trichlorophenol	9.04	196	254469	41.159	ng		98
45) 1,1'-Biphenyl	9.18	154	887345	39.659	ng		98
46) 2-Chloronaphthalene	9.20	162	689318	38.469	ng		100
47) 2-Nitroaniline	9.30	65	221340	40.181	ng		94
48) Acenaphthylene	9.62	152	1113472	41.215	ng		99
49) Dimethylphthalate	9.48	163	807051	40.375	ng		99
50) 2,6-Dinitrotoluene	9.54	165	178710	40.315	ng		95
51) Acenaphthene	9.79	154	651261	38.713	ng		98
52) 3-Nitroaniline	9.71	138	148330	28.417	ng		98
53) 2,4-Dinitrophenol	9.82	184	147935	86.593	ng	#	17
54) Dibenzofuran	9.96	168	954330	39.256	ng		96
55) 4-Nitrophenol	9.88	139	284136	73.883	ng		96
56) 2,4-Dinitrotoluene	9.94	165	241485	41.655	ng	#	97
57) Fluorene	10.30	166	716202	44.209	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.08	232	214064	41.815	ng		90
59) Diethylphthalate	10.18	149	788373	39.057	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	336984	38.846	ng		95
61) 4-Nitroaniline	10.32	138	196680	39.660	ng		99
62) Azobenzene	10.45	77	808455	39.128	ng		96
64) 4,6-Dinitro-2-methylphenol	10.35	198	95558	36.787	ng		80
65) n-Nitrosodiphenylamine	10.41	169	689972	38.852	ng		96
66) 4-Bromophenyl-phenylether	10.78	248	232684	38.017	ng	#	86
67) Hexachlorobenzene	10.85	284	250299	38.232	ng	#	85
68) Atrazine	10.94	200	222694	39.173	ng		98
69) Pentachlorophenol	11.04	266	277998	66.370	ng		99
70) Phenanthrene	11.26	178	1087429	40.860	ng		99
71) Anthracene	11.31	178	1122974	41.626	ng		99
72) Carbazole	11.46	167	994323	37.233	ng		99
73) Di-n-butylphthalate	11.80	149	1202798	38.476	ng		99
74) Fluoranthene	12.44	202	1142122	40.651	ng		98
76) Benzidine	12.55	184	473511	36.251	ng		99
77) Pyrene	12.67	202	1142355	41.679	ng		99
79) Butylbenzylphthalate	13.29	149	488174	39.877	ng		98
80) Benzo(a)anthracene	13.85	228	890213	39.848	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	253458	28.115	ng	#	96
82) Chrysene	13.88	228	889312	39.788	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	566452	38.216	ng		99
84) Di-n-octyl phthalate	14.46	149	961728	38.257	ng		98
85) Indeno(1,2,3-cd)pyrene	16.62	276	799991	44.768	ng	#	92
87) Benzo(b)fluoranthene	14.87	252	794583	45.251	ng		98
88) Benzo(k)fluoranthene	14.89	252	707080	43.113	ng	#	95
89) Benzo(a)pyrene	15.20	252	707377	45.362	ng		99
90) Dibenzo(a,h)anthracene	16.63	278	659013	50.302	ng		97
91) Benzo(g,h,i)perylene	17.02	276	681117	52.001	ng	#	92

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

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