Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108874.D
Acq On : 7 Sep 2018 21:21
Operator : JU/SJ
Sample : PB112683BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112683BSD

Manual Integrations APPROVED
Sohil
9/10/2018 10:39:43 AM

Quant Time: Sep 08 00:10:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	222872	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	846877	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	395722	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	674700	20.00	ng		0.00
75) Chrysene-d12	13.87	240	405038	20.00	ng		0.00
86) Perylene-d12	15.28	264	465687	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1107401	82.32	ng		0.02
7) Phenol-d6	6.38	99	1445896	83.53	ng		0.01
23) Nitrobenzene-d5	7.30	82	1296499	95.81	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	330706	87.54	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2178973	93.94	ng		0.00
78) Terphenyl-d14	12.83	244	1664154	95.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	237491	36.733	ng		92
3) Pyridine	3.21	79	702242	39.661	ng		91
4) n-Nitrosodimethylamine	3.14	42	301883	44.390	ng	#	94
6) Aniline	6.40	93	657764	28.253	ng		93
8) 2-Chlorophenol	6.52	128	618029	41.504	ng		97
9) Benzaldehyde	6.28	77	358742	29.214	ng		97
10) Phenol	6.39	94	774217	39.051	ng		84
11) bis(2-Chloroethyl)ether	6.48	93	613225	38.611	ng		94
12) 1,3-Dichlorobenzene	6.68	146	665156	39.144	ng		98
13) 1,4-Dichlorobenzene	6.75	146	665629	39.170	ng		99
14) 1,2-Dichlorobenzene	6.91	146	622108	39.718	ng		99
15) Benzyl Alcohol	6.88	79	551535	41.519	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	922240	38.847	ng		96
17) 2-Methylphenol	7.00	107	525741	41.778	ng		98
18) Hexachloroethane	7.25	117	227905	37.195	ng		97
19) n-Nitroso-di-n-propylamine	7.16	70	445495	37.026	ng		95
20) 3+4-Methylphenols	7.15	107	607771	41.229	ng	#	69
22) Acetophenone	7.15	105	813389	42.320	ng	#	90
24) Nitrobenzene	7.32	77	656607	45.221	ng		99
25) Isophorone	7.56	82	1238259	45.873	ng		98
26) 2-Nitrophenol	7.64	139	286095	50.013	ng		97
27) 2,4-Dimethylphenol	7.68	122	568033	48.899	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	779687	43.203	ng		99
29) 2,4-Dichlorophenol	7.88	162	521870	43.569	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	534952	41.210	ng		97
31) Naphthalene	8.04	128	1733835	45.506	ng		99
32) Benzoic acid	7.79	122	278626m	38.456	ng		
33) 4-Chloroaniline	8.08	127	375815	21.477	ng		99
34) Hexachlorobutadiene	8.17	225	315386	40.670	ng		99
35) Caprolactam	8.46	113	183771m	45.277	ng		
36) 4-Chloro-3-methylphenol	8.57	107	553769	43.399	ng		99
37) 2-Methylnaphthalene	8.73	142	1165006	46.283	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	515003	43.536	ng		98
40) Hexachlorocyclopentadiene	8.89	237	255363	42.911	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	368122	45.688	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	389920	46.686	ng		98
45) 1,1'-Biphenyl	9.20	154	1344986	44.148	ng		98
46) 2-Chloronaphthalene	9.22	162	1060730	43.051	ng		100
47) 2-Nitroaniline	9.31	65	353628	52.538	ng		92
48) Acenaphthylene	9.63	152	1690466	46.029	ng		98
49) Dimethylphthalate	9.50	163	1261200	45.567	ng		99
50) 2,6-Dinitrotoluene	9.55	165	274883	52.120	ng		98
51) Acenaphthene	9.81	154	995297	43.794	ng		98
52) 3-Nitroaniline	9.72	138	228591	36.411	ng		99
53) 2,4-Dinitrophenol	9.82	184	49899	32.061	ng	#	27
54) Dibenzofuran	9.98	168	1425640	43.034	ng		98
55) 4-Nitrophenol	9.88	139	405259	86.347	ng		97
56) 2,4-Dinitrotoluene	9.95	165	353855	52.464	ng	#	97
57) Fluorene	10.32	166	1022025	48.074	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	297771	44.211	ng		88
59) Diethylphthalate	10.20	149	1232181	43.139	ng		97
60) 4-Chlorophenyl-phenylether	10.31	204	507274	44.678	ng		92
61) 4-Nitroaniline	10.33	138	254254	44.705	ng		93
62) Azobenzene	10.47	77	1240709	42.082	ng		94
64) 4,6-Dinitro-2-methylphenol	10.36	198	43090	20.785	ng		84
65) n-Nitrosodiphenylamine	10.43	169	1037650	46.257	ng		95
66) 4-Bromophenyl-phenylether	10.80	248	350686	46.019	ng		91
67) Hexachlorobenzene	10.87	284	351370	43.193	ng		93
68) Atrazine	10.96	200	349465	48.664	ng		96
69) Pentachlorophenol	11.05	266	315646	63.466	ng		98
70) Phenanthrene	11.27	178	1453934	45.125	ng		98
71) Anthracene	11.32	178	1500229	48.632	ng		98
72) Carbazole	11.48	167	1312014	40.385	ng		99
73) Di-n-butylphthalate	11.82	149	1759636	48.774	ng		99
74) Fluoranthene	12.45	202	1303442	40.859	ng		98
76) Benzidine	12.57	184	927957	48.338	ng		99
77) Pyrene	12.68	202	1288533	41.343	ng		99
79) Butylbenzylphthalate	13.31	149	593648	42.296	ng	#	96
80) Benzo(a)anthracene	13.86	228	1127495	43.429	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	409966	40.531	ng		97
82) Chrysene	13.90	228	1109281	44.137	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	726283	41.177	ng		98
84) Di-n-octyl phthalate	14.48	149	1294046	44.006	ng		99
85) Indeno(1,2,3-cd)pyrene	16.64	276	995663	44.765	ng		96
87) Benzo(b)fluoranthene	14.88	252	1228232	48.505	ng		99
88) Benzo(k)fluoranthene	14.91	252	1027102	44.045	ng		99
89) Benzo(a)pyrene	15.22	252	1069464	46.807	ng		98
90) Dibenzo(a,h)anthracene	16.65	278	842764	41.860	ng		97
91) Benzo(g,h,i)perylene	17.04	276	788304	39.106	ng		95

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

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