Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108599.D
Acq On : 29 Aug 2018 12:45
Operator : JU/SJ
Sample : PB112423BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112423BS

Manual Integrations APPROVED
Sohil
8/30/2018 12:18:26 PM

Quant Time: Aug 29 13:13:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	132896	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	557155	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	283173	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	567399	20.00	ng		0.00
75) Chrysene-d12	14.20	240	418485	20.00	ng		0.00
86) Perylene-d12	15.75	264	299977	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	826262	112.56	ng		0.02
7) Phenol-d6	6.64	99	1100843	112.85	ng		0.00
23) Nitrobenzene-d5	7.57	82	727623	72.87	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	343091	121.47	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1435295	81.38	ng		0.00
78) Terphenyl-d14	13.13	244	1502073	91.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	126905	33.646	ng		90
3) Pyridine	3.78	79	303590	31.246	ng	#	84
4) n-Nitrosodimethylamine	3.74	42	174099	31.844	ng		82
6) Aniline	6.67	93	403423	30.405	ng	#	84
8) 2-Chlorophenol	6.79	128	375301	45.396	ng		93
9) Benzaldehyde	6.56	77	233934	30.932	ng		99
10) Phenol	6.65	94	455168	45.111	ng		86
11) bis(2-Chloroethyl)ether	6.74	93	326633	40.042	ng		95
12) 1,3-Dichlorobenzene	6.94	146	415030	43.417	ng		98
13) 1,4-Dichlorobenzene	7.02	146	440549	45.870	ng		98
14) 1,2-Dichlorobenzene	7.17	146	400878	44.873	ng		97
15) Benzyl Alcohol	7.15	79	301785	36.750	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.27	45	665964	39.630	ng		81
17) 2-Methylphenol	7.25	107	318798	44.966	ng	#	86
18) Hexachloroethane	7.51	117	153007	44.748	ng		92
19) n-Nitroso-di-n-propylamine	7.41	70	280807	42.570	ng		92
20) 3+4-Methylphenols	7.41	107	392527	43.204	ng	#	54
22) Acetophenone	7.41	105	549825	42.204	ng	#	89
24) Nitrobenzene	7.58	77	419368	41.536	ng		93
25) Isophorone	7.82	82	755395	39.693	ng		97
26) 2-Nitrophenol	7.90	139	188910	49.544	ng		91
27) 2,4-Dimethylphenol	7.93	122	340845	40.353	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	466866	42.023	ng		99
29) 2,4-Dichlorophenol	8.14	162	345841	44.492	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	364330	42.512	ng		97
31) Naphthalene	8.31	128	1132079	44.679	ng		99
32) Benzoic acid	8.08	122	157287	34.070	ng		93
33) 4-Chloroaniline	8.35	127	269271	24.385	ng		95
34) Hexachlorobutadiene	8.41	225	235017	43.319	ng		98
35) Caprolactam	8.73	113	90403m	37.113	ng		
36) 4-Chloro-3-methylphenol	8.84	107	354272	42.248	ng		99
37) 2-Methylnaphthalene	9.00	142	761585	42.482	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	391636	45.037	ng		98
40) Hexachlorocyclopentadiene	9.14	237	366330	65.220	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	237911	44.088	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	273022	45.961	ng		95
45) 1,1'-Biphenyl	9.46	154	934242	44.747	ng		99
46) 2-Chloronaphthalene	9.49	162	722065	43.758	ng		99
47) 2-Nitroaniline	9.60	65	240108	44.970	ng		90
48) Acenaphthylene	9.91	152	1139970	43.698	ng		99
49) Dimethylphthalate	9.76	163	847158	42.948	ng		99
50) 2,6-Dinitrotoluene	9.83	165	185799	45.021	ng		90
51) Acenaphthene	10.08	154	642322	40.199	ng		100
52) 3-Nitroaniline	10.01	138	139280	30.846	ng		94
53) 2,4-Dinitrophenol	10.12	184	126270	81.602	ng	#	25
54) Dibenzofuran	10.25	168	1000982	43.240	ng		96
55) 4-Nitrophenol	10.18	139	225397	65.919	ng	#	79
56) 2,4-Dinitrotoluene	10.24	165	242112	45.577	ng	#	96
57) Fluorene	10.60	166	806697	44.021	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	229894	46.302	ng	#	84
59) Diethylphthalate	10.46	149	818349	42.844	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	411797	43.125	ng		94
61) 4-Nitroaniline	10.64	138	173449	38.853	ng		89
62) Azobenzene	10.75	77	830644	42.109	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	87567	41.877	ng		88
65) n-Nitrosodiphenylamine	10.71	169	715227	42.656	ng		97
66) 4-Bromophenyl-phenylether	11.08	248	268458	43.538	ng	#	87
67) Hexachlorobenzene	11.15	284	281200	43.343	ng	#	86
68) Atrazine	11.23	200	242356	43.095	ng		96
69) Pentachlorophenol	11.35	266	252261	81.236	ng		97
70) Phenanthrene	11.57	178	1166214	43.577	ng		99
71) Anthracene	11.62	178	1193346	43.506	ng		100
72) Carbazole	11.78	167	1032291	42.359	ng		99
73) Di-n-butylphthalate	12.08	149	1237983	44.848	ng		99
74) Fluoranthene	12.77	202	1264596	43.297	ng		95
76) Benzidine	12.88	184	607629	38.862	ng		99
77) Pyrene	12.99	202	1230570	46.446	ng		99
79) Butylbenzylphthalate	13.59	149	515691	49.018	ng	#	97
80) Benzo(a)anthracene	14.19	228	1038548	43.243	ng		98
81) 3,3'-Dichlorobenzidine	14.15	252	211037	24.519	ng	#	96
82) Chrysene	14.23	228	964157	43.789	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	676469	47.482	ng		99
84) Di-n-octyl phthalate	14.77	149	1043370	48.020	ng		97
85) Indeno(1,2,3-cd)pyrene	17.38	276	742748	38.932	ng	#	89
87) Benzo(b)fluoranthene	15.29	252	795130	44.359	ng	#	96
88) Benzo(k)fluoranthene	15.32	252	786861	47.754	ng	#	96
89) Benzo(a)pyrene	15.69	252	721689	44.962	ng	#	97
90) Dibenzo(a,h)anthracene	17.39	278	624039	46.988	ng	#	93
91) Benzo(g,h,i)perylene	17.88	276	623153	47.651	ng	#	88

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

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