Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107117.D
Acq On : 5 Jul 2018 10:52
Operator : JU/SJ
Sample : PB110801BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110801BS

Manual Integrations APPROVED
Sohil
7/6/2018 8:44:52 AM

Quant Time: Jul 05 12:00:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	59558	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	232198	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	123053	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	260816	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	221313	20.00	ng		-0.02
86) Perylene-d12	15.67	264	182946	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	411852	117.10	ng		0.00
7) Phenol-d6	6.60	99	514036	117.03	ng		-0.01
23) Nitrobenzene-d5	7.52	82	333256	79.76	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	188319	132.04	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	651142	90.53	ng		-0.02
78) Terphenyl-d14	13.07	244	845781	92.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	57591	31.849	ng		98
3) Pyridine	3.64	79	164105	33.463	ng		98
4) n-Nitrosodimethylamine	3.61	42	69555	33.393	ng		85
6) Aniline	6.62	93	175445	29.446	ng	#	67
8) 2-Chlorophenol	6.74	128	156342	40.527	ng		99
9) Benzaldehyde	6.51	77	75949	22.557	ng		98
10) Phenol	6.61	94	186051	37.116	ng	#	72
11) bis(2-Chloroethyl)ether	6.68	93	158738	38.359	ng		98
12) 1,3-Dichlorobenzene	6.89	146	182164	40.317	ng		97
13) 1,4-Dichlorobenzene	6.97	146	183023	40.066	ng		98
14) 1,2-Dichlorobenzene	7.12	146	171482	40.962	ng		98
15) Benzyl Alcohol	7.10	79	131899	37.398	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	216961	39.959	ng		52
17) 2-Methylphenol	7.21	107	133165	40.336	ng	#	89
18) Hexachloroethane	7.45	117	63460	39.505	ng	#	89
19) n-Nitroso-di-n-propylamine	7.36	70	108750	37.561	ng		94
20) 3+4-Methylphenols	7.37	107	169684	48.749	ng	#	87
22) Acetophenone	7.36	105	214794	41.347	ng	#	97
24) Nitrobenzene	7.54	77	168371	39.470	ng		98
25) Isophorone	7.77	82	310319	42.148	ng		99
26) 2-Nitrophenol	7.85	139	89964	44.675	ng		98
27) 2,4-Dimethylphenol	7.89	122	146399	47.035	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	198636	40.182	ng		99
29) 2,4-Dichlorophenol	8.10	162	147437	45.245	ng		92
30) 1,2,4-Trichlorobenzene	8.17	180	163353	45.505	ng		96
31) Naphthalene	8.25	128	459192	42.299	ng		99
32) Benzoic acid	8.02	122	72480	33.922	ng		100
33) 4-Chloroaniline	8.31	127	122920	26.985	ng		99
34) Hexachlorobutadiene	8.36	225	105760	45.214	ng		97
35) Caprolactam	8.68	113	44264m	41.671	ng		
36) 4-Chloro-3-methylphenol	8.80	107	149557	43.604	ng		98
37) 2-Methylnaphthalene	8.95	142	341911	47.517	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	181735	43.855	ng	#	96
40) Hexachlorocyclopentadiene	9.09	237	107028	50.198	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	103463	37.560	ng		94
43) 2,4,5-Trichlorophenol	9.28	196	106177	36.939	ng	#	87
45) 1,1'-Biphenyl	9.41	154	415855	42.405	ng		99
46) 2-Chloronaphthalene	9.44	162	303623	39.333	ng		93
47) 2-Nitroaniline	9.54	65	95815	36.912	ng		100
48) Acenaphthylene	9.86	152	485762	39.858	ng		99
49) Dimethylphthalate	9.71	163	360807	39.094	ng		98
50) 2,6-Dinitrotoluene	9.78	165	84399	43.186	ng	#	80
51) Acenaphthene	10.03	154	291487	37.982	ng		97
52) 3-Nitroaniline	9.95	138	64807	28.817	ng		99
53) 2,4-Dinitrophenol	10.07	184	61709	62.021	ng	#	16
54) Dibenzofuran	10.20	168	439056	41.780	ng		96
55) 4-Nitrophenol	10.14	139	68648	43.732	ng		95
56) 2,4-Dinitrotoluene	10.19	165	109849	43.063	ng	#	95
57) Fluorene	10.54	166	355969	42.687	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	90780	39.731	ng	#	77
59) Diethylphthalate	10.41	149	349330	39.217	ng	#	93
60) 4-Chlorophenyl-phenylether	10.53	204	183897	42.148	ng	#	84
61) 4-Nitroaniline	10.58	138	90503	40.550	ng		95
62) Azobenzene	10.69	77	335818	38.284	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	59761	37.067	ng	#	69
65) n-Nitrosodiphenylamine	10.65	169	308877	35.209	ng		98
66) 4-Bromophenyl-phenylether	11.02	248	129537	41.616	ng	#	75
67) Hexachlorobenzene	11.10	284	139683	42.876	ng	#	82
68) Atrazine	11.18	200	117460	42.118	ng		94
69) Pentachlorophenol	11.30	266	69066	42.488	ng		98
70) Phenanthrene	11.51	178	539669	42.900	ng		99
71) Anthracene	11.57	178	558342	43.484	ng		100
72) Carbazole	11.72	167	489682	40.734	ng		98
73) Di-n-butylphthalate	12.03	149	556894	39.322	ng		99
74) Fluoranthene	12.71	202	609703	43.973	ng		96
76) Benzidine	12.82	184	294046	46.652	ng		98
77) Pyrene	12.94	202	616140	42.219	ng		100
79) Butylbenzylphthalate	13.54	149	233209	38.866	ng	#	93
80) Benzo(a)anthracene	14.13	228	562274	41.686	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	111731	23.569	ng	#	95
82) Chrysene	14.17	228	527906	42.541	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	297231	38.746	ng		96
84) Di-n-octyl phthalate	14.71	149	468264	37.448	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.26	276	462932	43.960	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	467338	41.123	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	455335	42.073	ng	#	96
89) Benzo(a)pyrene	15.61	252	432254	42.786	ng	#	96
90) Dibenzo(a,h)anthracene	17.27	278	377463	44.086	ng	#	92
91) Benzo(g,h,i)perylene	17.74	276	404181	48.297	ng	#	89

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

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