Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106530.D
Acq On : 18 Jun 2018 11:28
Operator : JU/SJ
Sample : PB110266BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110266BS

Manual Integrations APPROVED
Sohil
6/19/2018 5:59:33 PM

Quant Time: Jun 19 02:24:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	107610	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	434065	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	212671	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	422175	20.00	ng		0.00
75) Chrysene-d12	14.16	240	335772	20.00	ng		0.00
86) Perylene-d12	15.70	264	254113	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	553320	87.03	ng		0.00
7) Phenol-d6	6.61	99	673992	83.90	ng		0.00
23) Nitrobenzene-d5	7.53	82	548425	74.33	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	207217	101.27	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	979063	80.33	ng		0.00
78) Terphenyl-d14	13.09	244	1134001	83.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	131436	39.944	ng		95
3) Pyridine	3.67	79	374515	40.842	ng		98
4) n-Nitrosodimethylamine	3.63	42	159645	38.004	ng		90
6) Aniline	6.63	93	342916	29.235	ng	#	73
8) 2-Chlorophenol	6.76	128	299051	43.738	ng		97
9) Benzaldehyde	6.52	77	170089	27.916	ng		99
10) Phenol	6.62	94	384712	43.870	ng		75
11) bis(2-Chloroethyl)ether	6.70	93	302225	40.259	ng		99
12) 1,3-Dichlorobenzene	6.91	146	343021	42.626	ng		99
13) 1,4-Dichlorobenzene	6.98	146	345257	42.279	ng		98
14) 1,2-Dichlorobenzene	7.14	146	323233	42.047	ng		100
15) Benzyl Alcohol	7.11	79	275554	40.056	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	464926	43.204	ng		86
17) 2-Methylphenol	7.22	107	256031	41.971	ng	#	94
18) Hexachloroethane	7.48	117	124066	42.638	ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	213308	35.395	ng		94
20) 3+4-Methylphenols	7.38	107	311338	39.909	ng	#	77
22) Acetophenone	7.37	105	404573	36.985	ng	#	93
24) Nitrobenzene	7.55	77	344508	42.958	ng		96
25) Isophorone	7.78	82	611314	42.417	ng		98
26) 2-Nitrophenol	7.87	139	165113	53.043	ng		99
27) 2,4-Dimethylphenol	7.90	122	275688	45.186	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	389153	41.643	ng		99
29) 2,4-Dichlorophenol	8.11	162	266536	45.283	ng		100
30) 1,2,4-Trichlorobenzene	8.19	180	278013	42.125	ng		95
31) Naphthalene	8.27	128	844834	43.055	ng		99
32) Benzoic acid	8.02	122	133849	32.516	ng		94
33) 4-Chloroaniline	8.32	127	209625	24.107	ng		98
34) Hexachlorobutadiene	8.38	225	179085	42.237	ng		99
35) Caprolactam	8.69	113	85145m	42.766	ng		
36) 4-Chloro-3-methylphenol	8.81	107	280742	43.118	ng		99
37) 2-Methylnaphthalene	8.97	142	588006	43.997	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	295654	42.824	ng		98
40) Hexachlorocyclopentadiene	9.11	237	337391	88.575	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	199807	45.414	ng		100
43) 2,4,5-Trichlorophenol	9.30	196	208051	43.865	ng	#	94
45) 1,1'-Biphenyl	9.42	154	690069	41.892	ng		100
46) 2-Chloronaphthalene	9.45	162	554200	42.041	ng		99
47) 2-Nitroaniline	9.55	65	193178	46.584	ng		94
48) Acenaphthylene	9.87	152	881156	43.671	ng		98
49) Dimethylphthalate	9.72	163	642905	42.313	ng		99
50) 2,6-Dinitrotoluene	9.79	165	144079	46.422	ng		95
51) Acenaphthene	10.04	154	497869	38.208	ng		97
52) 3-Nitroaniline	9.96	138	103177	28.009	ng		96
53) 2,4-Dinitrophenol	10.07	184	120625	84.150	ng	#	19
54) Dibenzofuran	10.22	168	748752	42.672	ng		98
55) 4-Nitrophenol	10.15	139	196666	69.653	ng		94
56) 2,4-Dinitrotoluene	10.20	165	194200	49.827	ng		95
57) Fluorene	10.56	166	586320	42.174	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	169818	45.173	ng	#	84
59) Diethylphthalate	10.42	149	608163	40.326	ng		95
60) 4-Chlorophenyl-phenylether	10.55	204	300829	41.141	ng		89
61) 4-Nitroaniline	10.58	138	154733	43.173	ng		99
62) Azobenzene	10.71	77	649561	41.307	ng		97
64) 4,6-Dinitro-2-methylphenol	10.61	198	96682	43.180	ng		81
65) n-Nitrosodiphenylamine	10.67	169	553716	39.025	ng		95
66) 4-Bromophenyl-phenylether	11.04	248	205705	42.840	ng	#	82
67) Hexachlorobenzene	11.11	284	215116	43.454	ng	#	86
68) Atrazine	11.20	200	187313	42.839	ng		96
69) Pentachlorophenol	11.31	266	168895	55.416	ng		96
70) Phenanthrene	11.53	178	859242	41.558	ng		99
71) Anthracene	11.58	178	891963	43.063	ng		99
72) Carbazole	11.74	167	780742	40.828	ng		99
73) Di-n-butylphthalate	12.05	149	946651	44.480	ng		99
74) Fluoranthene	12.72	202	946059	42.906	ng		98
76) Benzidine	12.84	184	451097	40.367	ng		99
77) Pyrene	12.95	202	952323	45.303	ng		99
79) Butylbenzylphthalate	13.56	149	396126	50.341	ng	#	94
80) Benzo(a)anthracene	14.15	228	811909	40.633	ng		97
81) 3,3'-Dichlorobenzidine	14.11	252	169589	25.155	ng	#	94
82) Chrysene	14.19	228	769772	42.195	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	503047	44.587	ng		98
84) Di-n-octyl phthalate	14.75	149	721536	44.360	ng		98
85) Indeno(1,2,3-cd)pyrene	17.28	276	691244	47.477	ng	#	93
87) Benzo(b)fluoranthene	15.25	252	603732	39.303	ng		97
88) Benzo(k)fluoranthene	15.28	252	616264	40.509	ng	#	97
89) Benzo(a)pyrene	15.64	252	584731	42.321	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	574224	49.851	ng		96
91) Benzo(g,h,i)perylene	17.76	276	599391	53.545	ng	#	92

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

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