Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107168.D
Acq On : 6 Jul 2018 13:07
Operator : JU/SJ
Sample : PB110856BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB110856BS

Manual Integrations APPROVED
Sohil
7/6/2018 3:30:57 PM

Quant Time: Jul 06 15:05:56 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	6.94	152	58753	20.00	ng		-0.02
21) Naphthalene-d8	8.23	136	228037	20.00	ng		-0.02
38) Acenaphthene-d10	9.99	164	120562	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	247234	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	173742	20.00	ng		-0.03
86) Perylene-d12	15.67	264	165033	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	404468	116.57	ng		0.00
7) Phenol-d6	6.60	99	502809	116.04	ng		-0.01
23) Nitrobenzene-d5	7.51	82	327059	79.71	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	181636	129.99	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	614188	86.49	ng		-0.02
78) Terphenyl-d14	13.07	244	758043	105.69	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	52029	29.167	ng		96
3) Pyridine	3.63	79	157013	32.455	ng		97
4) n-Nitrosodimethylamine	3.59	42	66703	32.463	ng	#	78
6) Aniline	6.62	93	135729	23.093	ng	#	74
8) 2-Chlorophenol	6.74	128	151406	39.785	ng		98
9) Benzaldehyde	6.50	77	69145	20.542	ng		99
10) Phenol	6.61	94	186869	37.790	ng		79
11) bis(2-Chloroethyl)ether	6.68	93	152247	37.294	ng		97
12) 1,3-Dichlorobenzene	6.88	146	173907	39.017	ng		97
13) 1,4-Dichlorobenzene	6.97	146	175378	38.919	ng		98
14) 1,2-Dichlorobenzene	7.12	146	163851	39.675	ng		96
15) Benzyl Alcohol	7.10	79	125970	36.206	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	209304	39.077	ng	#	13
17) 2-Methylphenol	7.21	107	129268	39.692	ng	#	89
18) Hexachloroethane	7.45	117	59136	37.317	ng	#	82
19) n-Nitroso-di-n-propylamine	7.35	70	107294	37.566	ng		96
20) 3+4-Methylphenols	7.37	107	169960	49.842	ng		98
22) Acetophenone	7.35	105	213420	41.833	ng	#	99
24) Nitrobenzene	7.53	77	165997	39.624	ng		97
25) Isophorone	7.77	82	302874	41.887	ng		98
26) 2-Nitrophenol	7.85	139	86214	43.594	ng		97
27) 2,4-Dimethylphenol	7.88	122	142955	46.767	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	192904	39.734	ng		99
29) 2,4-Dichlorophenol	8.10	162	141941	44.353	ng		95
30) 1,2,4-Trichlorobenzene	8.17	180	154363	43.785	ng		96
31) Naphthalene	8.25	128	444719	41.713	ng		99
32) Benzoic acid	8.03	122	81197	37.889	ng		97
33) 4-Chloroaniline	8.30	127	65566	14.657	ng		98
34) Hexachlorobutadiene	8.35	225	99538	43.331	ng		98
35) Caprolactam	8.69	113	46422m	44.500	ng		
36) 4-Chloro-3-methylphenol	8.80	107	146831	43.590	ng		97
37) 2-Methylnaphthalene	8.94	142	330685	46.795	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	173516	42.736	ng	#	96
40) Hexachlorocyclopentadiene	9.09	237	95095	45.523	ng		96

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42) 2,4,6-Trichlorophenol	9.23	196	101545	37.625	ng		94
43) 2,4,5-Trichlorophenol	9.28	196	104753	37.197	ng	#	86
45) 1,1'-Biphenyl	9.41	154	398796	41.506	ng		98
46) 2-Chloronaphthalene	9.44	162	294003	38.874	ng		95
47) 2-Nitroaniline	9.54	65	95061	37.378	ng		99
48) Acenaphthylene	9.85	152	465598	38.993	ng		99
49) Dimethylphthalate	9.70	163	346684	38.340	ng		97
50) 2,6-Dinitrotoluene	9.78	165	82127	42.892	ng		93
51) Acenaphthene	10.02	154	283540	37.709	ng		98
52) 3-Nitroaniline	9.95	138	47517	21.566	ng		98
53) 2,4-Dinitrophenol	10.07	184	64415	65.728	ng	#	18
54) Dibenzofuran	10.20	168	424032	41.184	ng		97
55) 4-Nitrophenol	10.14	139	67958	44.187	ng		90
56) 2,4-Dinitrotoluene	10.19	165	106562	42.637	ng		92
57) Fluorene	10.54	166	347814	42.571	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	94844	42.367	ng	#	77
59) Diethylphthalate	10.40	149	332478	38.096	ng	#	94
60) 4-Chlorophenyl-phenylether	10.52	204	179469	41.983	ng	#	87
61) 4-Nitroaniline	10.58	138	84671	38.721	ng		95
62) Azobenzene	10.69	77	327111	38.062	ng		92
64) 4,6-Dinitro-2-methylphenol	10.60	198	58844	38.504	ng		79
65) n-Nitrosodiphenylamine	10.65	169	304001	36.557	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	125756	42.620	ng	#	80
67) Hexachlorobenzene	11.09	284	134362	43.508	ng	#	86
68) Atrazine	11.18	200	109607	41.461	ng		94
69) Pentachlorophenol	11.29	266	80978m	52.552	ng		
70) Phenanthrene	11.51	178	516909	43.348	ng		99
71) Anthracene	11.57	178	535920	44.031	ng		98
72) Carbazole	11.72	167	463825	40.702	ng		99
73) Di-n-butylphthalate	12.02	149	519302	38.682	ng		99
74) Fluoranthene	12.70	202	560209	42.623	ng		96
76) Benzidine	12.82	184	144762	29.256	ng		97
77) Pyrene	12.94	202	546782	47.724	ng		100
79) Butylbenzylphthalate	13.53	149	194457	41.281	ng	#	94
80) Benzo(a)anthracene	14.12	228	448320	42.338	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	98154	26.374	ng	#	94
82) Chrysene	14.17	228	428818	44.018	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	230567	38.285	ng	#	96
84) Di-n-octyl phthalate	14.70	149	351115	35.767	ng	#	96
85) Indeno(1,2,3-cd)pyrene	17.25	276	473877	57.320	ng	#	89
87) Benzo(b)fluoranthene	15.21	252	401067	39.122	ng	#	96
88) Benzo(k)fluoranthene	15.24	252	396148	40.578	ng	#	96
89) Benzo(a)pyrene	15.60	252	395699	43.419	ng		97
90) Dibenzo(a,h)anthracene	17.26	278	392125	50.769	ng	#	94
91) Benzo(g,h,i)perylene	17.74	276	411518	54.511	ng	#	89

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

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