Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
Data File : BF106870.D
Acq On : 27 Jun 2018 14:31
Operator : JU/SJ
Sample : PB110604BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Manual Integrations APPROVED
Sohil
6/28/2018 2:21:32 PM

Quant Time: Jun 27 15:32:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	47327	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	179817	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	96630	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	203034	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	139866	20.00	ng		-0.01
86) Perylene-d12	15.69	264	138971	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	356345	127.50	ng		0.00
7) Phenol-d6	6.61	99	453047	129.80	ng		0.00
23) Nitrobenzene-d5	7.52	82	292275	90.33	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	171074	152.75	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	559767	100.79	ng		-0.01
78) Terphenyl-d14	13.08	244	695947	120.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	50352	35.042	ng		100
3) Pyridine	3.65	79	150425	38.601	ng		96
4) n-Nitrosodimethylamine	3.62	42	63056	38.097	ng		80
6) Aniline	6.62	93	133668	28.232	ng	#	71
8) 2-Chlorophenol	6.75	128	144714	47.207	ng		95
9) Benzaldehyde	6.51	77	82346	33.148	ng		94
10) Phenol	6.62	94	173091	43.454	ng		83
11) bis(2-Chloroethyl)ether	6.70	93	141415	43.004	ng		96
12) 1,3-Dichlorobenzene	6.90	146	167208	46.571	ng		98
13) 1,4-Dichlorobenzene	6.97	146	167827	46.235	ng		99
14) 1,2-Dichlorobenzene	7.12	146	155219	46.659	ng		97
15) Benzyl Alcohol	7.10	79	123871	44.199	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	191424	44.367	ng		67
17) 2-Methylphenol	7.22	107	124225	47.353	ng	#	91
18) Hexachloroethane	7.47	117	57602	45.125	ng	#	85
19) n-Nitroso-di-n-propylamine	7.37	70	96018	41.734	ng		91
20) 3+4-Methylphenols	7.37	107	147648	55.889	ng	#	67
22) Acetophenone	7.37	105	194285	48.294	ng	#	95
24) Nitrobenzene	7.54	77	155981	47.217	ng		100
25) Isophorone	7.78	82	287433	50.412	ng		99
26) 2-Nitrophenol	7.85	139	83691	53.666	ng		99
27) 2,4-Dimethylphenol	7.90	122	135393	56.170	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	182048	47.554	ng		99
29) 2,4-Dichlorophenol	8.10	162	136152	53.953	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	148034	53.250	ng		98
31) Naphthalene	8.26	128	423007	50.316	ng		99
32) Benzoic acid	8.04	122	83765	47.802	ng		97
33) 4-Chloroaniline	8.31	127	47322	13.415	ng		99
34) Hexachlorobutadiene	8.37	225	96875	53.480	ng		99
35) Caprolactam	8.70	113	48261m	58.669	ng		
36) 4-Chloro-3-methylphenol	8.81	107	143838	54.152	ng		99
37) 2-Methylnaphthalene	8.95	142	313985	56.347	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	163205	50.152	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	138812	82.909	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	101924	47.119	ng		94
43) 2,4,5-Trichlorophenol	9.28	196	105126	46.575	ng	#	90
45) 1,1'-Biphenyl	9.42	154	378367	49.133	ng		98
46) 2-Chloronaphthalene	9.45	162	279343	46.083	ng		95
47) 2-Nitroaniline	9.55	65	87185	42.772	ng		99
48) Acenaphthylene	9.87	152	450196	47.041	ng		99
49) Dimethylphthalate	9.72	163	346361	47.791	ng		99
50) 2,6-Dinitrotoluene	9.79	165	81578	53.157	ng	#	81
51) Acenaphthene	10.04	154	270008	44.803	ng		98
52) 3-Nitroaniline	9.96	138	41624	23.570	ng		91
53) 2,4-Dinitrophenol	10.07	184	81078	100.167	ng	#	19
54) Dibenzofuran	10.21	168	415974	50.408	ng		97
55) 4-Nitrophenol	10.14	139	90392	73.330	ng		99
56) 2,4-Dinitrotoluene	10.20	165	108345	54.087	ng		90
57) Fluorene	10.55	166	329797	50.363	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	100571	56.052	ng	#	77
59) Diethylphthalate	10.42	149	322951	46.169	ng	#	92
60) 4-Chlorophenyl-phenylether	10.54	204	170655	49.808	ng	#	87
61) 4-Nitroaniline	10.58	138	79925	45.603	ng		96
62) Azobenzene	10.70	77	307544	44.647	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	63253	50.399	ng		76
65) n-Nitrosodiphenylamine	10.66	169	294294	43.094	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	122444	50.532	ng	#	79
67) Hexachlorobenzene	11.10	284	129028	50.876	ng	#	82
68) Atrazine	11.19	200	108123	49.804	ng		93
69) Pentachlorophenol	11.30	266	108588	85.812	ng		98
70) Phenanthrene	11.52	178	498837	50.939	ng		99
71) Anthracene	11.57	178	512548	51.278	ng		100
72) Carbazole	11.73	167	457868	48.927	ng		98
73) Di-n-butylphthalate	12.04	149	512621	46.497	ng		99
74) Fluoranthene	12.71	202	540461	50.073	ng		95
76) Benzidine	12.83	184	199793	50.157	ng		97
77) Pyrene	12.94	202	530061	57.470	ng		100
79) Butylbenzylphthalate	13.55	149	202194	53.320	ng	#	88
80) Benzo(a)anthracene	14.14	228	443629	52.042	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	67463	22.518	ng	#	97
82) Chrysene	14.18	228	411684	52.495	ng		100
83) Bis(2-ethylhexyl)phthalate	14.10	149	247661	51.084	ng	#	96
84) Di-n-octyl phthalate	14.74	149	377528	47.773	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.28	276	471307	70.817	ng	#	89
87) Benzo(b)fluoranthene	15.24	252	428123	49.593	ng	#	96
88) Benzo(k)fluoranthene	15.27	252	378079	45.989	ng	#	95
89) Benzo(a)pyrene	15.63	252	397053	51.738	ng	#	96
90) Dibenzo(a,h)anthracene	17.29	278	386448	59.417	ng	#	93
91) Benzo(g,h,i)perylene	17.76	276	405515	63.790	ng	#	90

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

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