Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107250.D
Acq On : 10 Jul 2018 1:24
Operator : JU/SJ
Sample : PB110915BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110915BS

Manual Integrations APPROVED
Sohil
7/10/2018 2:47:15 PM

Quant Time: Jul 10 05:45:34 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	33294	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	111726	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	50088	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	103003	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	75127	20.00	ng		-0.02
86) Perylene-d12	15.69	264	57816	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	194862	99.11	ng		0.00
7) Phenol-d6	6.60	99	228506	93.06	ng		-0.01
23) Nitrobenzene-d5	7.52	82	199884	99.42	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	63160	108.80	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	351152	125.73	ng		-0.02
78) Terphenyl-d14	13.08	244	443945	143.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	35749	35.365	ng		98
3) Pyridine	3.63	79	106830	38.968	ng		98
4) n-Nitrosodimethylamine	3.59	42	45739	39.282	ng		81
6) Aniline	6.61	93	88780	26.655	ng	#	7
8) 2-Chlorophenol	6.74	128	96436	44.718	ng		98
9) Benzaldehyde	6.50	77	40912	21.598	ng		98
10) Phenol	6.61	94	119475	42.636	ng		75
11) bis(2-Chloroethyl)ether	6.68	93	99193	42.879	ng		97
12) 1,3-Dichlorobenzene	6.89	146	109873	43.500	ng		97
13) 1,4-Dichlorobenzene	6.97	146	111468	43.651	ng		99
14) 1,2-Dichlorobenzene	7.12	146	102331	43.726	ng		98
15) Benzyl Alcohol	7.10	79	74676	37.876	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	133803	44.084	ng	#	17
17) 2-Methylphenol	7.21	107	79084	42.852	ng	#	88
18) Hexachloroethane	7.45	117	20353	22.665	ng	#	87
19) n-Nitroso-di-n-propylamine	7.36	70	66340	40.988	ng		93
20) 3+4-Methylphenols	7.37	107	104826	56.707	ng	#	87
22) Acetophenone	7.36	105	130097	52.047	ng	#	99
24) Nitrobenzene	7.54	77	96616	47.071	ng		100
25) Isophorone	7.77	82	179532	50.677	ng		99
26) 2-Nitrophenol	7.85	139	34824	35.940	ng		97
27) 2,4-Dimethylphenol	7.89	122	82880	55.340	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	117577	49.431	ng		98
29) 2,4-Dichlorophenol	8.10	162	79021	50.398	ng		94
30) 1,2,4-Trichlorobenzene	8.17	180	86620	50.148	ng		98
31) Naphthalene	8.25	128	250055	47.871	ng		99
32) Benzoic acid	8.02	122	31748m	31.395	ng		
33) 4-Chloroaniline	8.31	127	57521	26.244	ng		99
34) Hexachlorobutadiene	8.35	225	58825	52.266	ng		98
35) Caprolactam	8.68	113	23933	46.826	ng		96
36) 4-Chloro-3-methylphenol	8.80	107	76547	46.382	ng		97
37) 2-Methylnaphthalene	8.95	142	176906	51.095	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	91578	54.291	ng	#	96
42) 2,4,6-Trichlorophenol	9.24	196	52856	47.140	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	54156	46.288	ng	#	88
45) 1,1'-Biphenyl	9.41	154	212628	53.267	ng		98
46) 2-Chloronaphthalene	9.44	162	149595	47.610	ng		96
47) 2-Nitroaniline	9.54	65	55404	52.437	ng		94
48) Acenaphthylene	9.86	152	239509	48.281	ng		99
49) Dimethylphthalate	9.70	163	180041	47.926	ng		98
50) 2,6-Dinitrotoluene	9.78	165	32024	40.257	ng	#	79
51) Acenaphthene	10.03	154	142839	45.726	ng		97
52) 3-Nitroaniline	9.96	138	50506	55.174	ng		95
54) Dibenzofuran	10.20	168	217751	50.906	ng		96
55) 4-Nitrophenol	10.14	139	40267	63.020	ng		96
56) 2,4-Dinitrotoluene	10.20	165	35104	33.808	ng	#	93
57) Fluorene	10.55	166	174749	51.483	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	46909	50.438	ng	#	79
59) Diethylphthalate	10.40	149	176146	48.581	ng	#	94
60) 4-Chlorophenyl-phenylether	10.53	204	89946	50.645	ng	#	84
61) 4-Nitroaniline	10.58	138	52368	57.644	ng		95
62) Azobenzene	10.70	77	157358	44.071	ng		90
65) n-Nitrosodiphenylamine	10.65	169	150724	43.505	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	61620	50.127	ng	#	77
67) Hexachlorobenzene	11.10	284	63950	49.704	ng	#	83
68) Atrazine	11.18	200	45184	41.025	ng		94
69) Pentachlorophenol	11.31	266	28561	44.489	ng		98
70) Phenanthrene	11.52	178	263167	52.972	ng		99
71) Anthracene	11.57	178	272825	53.802	ng		100
72) Carbazole	11.73	167	244867	51.577	ng		98
73) Di-n-butylphthalate	12.03	149	273959	48.981	ng		98
74) Fluoranthene	12.71	202	297426	54.317	ng		97
76) Benzidine	12.84	184	257842	120.510	ng		97
77) Pyrene	12.95	202	294589	59.464	ng		99
79) Butylbenzylphthalate	13.54	149	121484	59.642	ng	#	97
80) Benzo(a)anthracene	14.14	228	233850	51.073	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	88432	54.952	ng	#	95
82) Chrysene	14.18	228	212076	50.345	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	155226	59.609	ng		100
84) Di-n-octyl phthalate	14.71	149	243398	57.341	ng	#	96
85) Indeno(1,2,3-cd)pyrene	17.29	276	184297	51.555	ng	#	90
87) Benzo(b)fluoranthene	15.23	252	176314	49.092	ng	#	96
88) Benzo(k)fluoranthene	15.26	252	169624	49.595	ng	#	95
89) Benzo(a)pyrene	15.62	252	166044	52.006	ng	#	96
90) Dibenzo(a,h)anthracene	17.29	278	154029	56.925	ng	#	93
91) Benzo(g,h,i)perylene	17.78	276	155948	58.966	ng	#	90

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

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