Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098300.D
Acq On : 7 Sep 2017 4:36
Operator : SJ/JU
Sample : PB102084BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB102084BS

Quant Time: Sep 07 07:23:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104649	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	399689	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	154359	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	249836	20.00	ng		0.00
75) Chrysene-d12	13.85	240	212538	20.00	ng		-0.01
86) Perylene-d12	15.26	264	151997	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	579684	84.26	ng		0.00
7) Phenol-d6	6.35	99	771005	82.48	ng		0.00
23) Nitrobenzene-d5	7.27	82	669126	90.95	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	103116	76.99	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	941939	89.65	ng		0.00
78) Terphenyl-d14	12.80	244	680303	66.75	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	134816	35.137	ng	#	87
3) Pyridine	3.09	79	392637	37.017	ng		85
4) n-Nitrosodimethylamine	3.06	42	144869	35.495	ng	#	68
6) Aniline	6.36	93	327517	24.941	ng	#	46
8) 2-Chlorophenol	6.49	128	303833	41.875	ng		98
9) Benzaldehyde	6.25	77	77340	13.062	ng		90
10) Phenol	6.36	94	430940	39.417	ng		88
11) bis(2-Chloroethyl)ether	6.44	93	338832	41.062	ng		94
12) 1,3-Dichlorobenzene	6.64	146	308863	39.575	ng		97
13) 1,4-Dichlorobenzene	6.72	146	309814	39.031	ng		94
14) 1,2-Dichlorobenzene	6.87	146	284749	38.906	ng		99
15) Benzyl Alcohol	6.85	79	269868	38.560	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	418339	37.680	ng		85
17) 2-Methylphenol	6.97	107	268162	41.940	ng	#	93
18) Hexachloroethane	7.20	117	95179	30.585	ng	#	79
19) n-Nitroso-di-n-propylamine	7.12	70	232671	36.360	ng		89
20) 3+4-Methylphenols	7.12	107	324182	41.511	ng	#	75
22) Acetophenone	7.11	105	430051	40.729	ng	#	85
24) Nitrobenzene	7.29	77	361971	44.186	ng		94
25) Isophorone	7.52	82	639408	41.795	ng		96
26) 2-Nitrophenol	7.60	139	119690	41.168	ng	#	80
27) 2,4-Dimethylphenol	7.65	122	262676	41.169	ng		95
28) bis(2-Chloroethoxy)methane	7.74	93	419140	41.673	ng		98
29) 2,4-Dichlorophenol	7.85	162	218267	41.211	ng		92
30) 1,2,4-Trichlorobenzene	7.93	180	232580	39.613	ng		99
31) Naphthalene	8.00	128	825746	39.795	ng		100
32) Benzoic acid	7.77	122	96236	24.344	ng		89
33) 4-Chloroaniline	8.06	127	187473	21.423	ng		98
34) Hexachlorobutadiene	8.12	225	134789	39.319	ng		100
35) Caprolactam	8.43	113	72172	40.083	ng		93
36) 4-Chloro-3-methylphenol	8.55	107	254141	37.347	ng	#	80
37) 2-Methylnaphthalene	8.70	142	511483	40.206	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	204528	43.175	ng		99
40) Hexachlorocyclopentadiene	8.85	237	15912	6.992	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	133029	41.827	ng		100
43) 2,4,5-Trichlorophenol	9.02	196	134868	42.744	ng		96
45) 1,1'-Biphenyl	9.16	154	591643	42.032	ng		94
46) 2-Chloronaphthalene	9.19	162	421567	40.533	ng		94
47) 2-Nitroaniline	9.29	65	167907	48.157	ng		95
48) Acenaphthylene	9.60	152	663567	40.629	ng		99
49) Dimethylphthalate	9.46	163	528381	46.829	ng		99
50) 2,6-Dinitrotoluene	9.53	165	94998	42.180	ng	#	68
51) Acenaphthene	9.77	154	386274	37.500	ng		100
52) 3-Nitroaniline	9.70	138	115385	39.708	ng		96
53) 2,4-Dinitrophenol	9.81	184	5389	14.534	ng	#	83
54) Dibenzofuran	9.94	168	580796	42.071	ng		98
55) 4-Nitrophenol	9.87	139	141854	61.197	ng	#	53
56) 2,4-Dinitrotoluene	9.93	165	106888	37.817	ng	#	47
57) Fluorene	10.28	166	421576	39.498	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.06	232	99391	40.686	ng		91
59) Diethylphthalate	10.16	149	517509	43.859	ng		99
60) 4-Chlorophenyl-phenylether	10.27	204	204780	41.298	ng		87
61) 4-Nitroaniline	10.31	138	120604	43.669	ng		82
62) Azobenzene	10.43	77	544813	38.871	ng		92
64) 4,6-Dinitro-2-methylphenol	10.34	198	5449	12.147	ng		95
65) n-Nitrosodiphenylamine	10.40	169	384810	45.231	ng		98
66) 4-Bromophenyl-phenylether	10.76	248	117503	45.291	ng		95
67) Hexachlorobenzene	10.83	284	111081	42.007	ng	#	85
68) Atrazine	10.93	200	106317	47.122	ng		99
69) Pentachlorophenol	11.03	266	92401	59.930	ng		98
70) Phenanthrene	11.24	178	559486	42.025	ng		99
71) Anthracene	11.29	178	580122	42.962	ng		98
72) Carbazole	11.45	167	543693	42.419	ng		98
73) Di-n-butylphthalate	11.78	149	711691	48.206	ng		99
74) Fluoranthene	12.43	202	597264	42.982	ng		98
76) Benzidine	12.56	184	513405	73.674	ng	#	92
77) Pyrene	12.66	202	628143	36.135	ng		98
79) Butylbenzylphthalate	13.27	149	292185	43.840	ng	#	72
80) Benzo(a)anthracene	13.84	228	513674	40.325	ng		98
81) 3,3'-Dichlorobenzidine	13.80	252	201504	46.879	ng	#	97
82) Chrysene	13.88	228	496173	39.156	ng		100
83) Bis(2-ethylhexyl)phthalate	13.83	149	387248	52.435	ng	#	100
84) Di-n-octyl phthalate	14.44	149	726900	56.568	ng		98
85) Indeno(1,2,3-cd)pyrene	16.62	276	341743	36.661	ng		96
87) Benzo(b)fluoranthene	14.86	252	417826	43.611	ng		97
88) Benzo(k)fluoranthene	14.89	252	390305	43.361	ng	#	95
89) Benzo(a)pyrene	15.20	252	371685	43.822	ng		97
90) Dibenzo(a,h)anthracene	16.63	278	287102	41.578	ng		99
91) Benzo(g,h,i)perylene	17.03	276	284449	39.480	ng		93

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

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