Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101306.D
Acq On : 12 Dec 2017 1:35
Operator : SJ/JU
Sample : PB104912BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104912BSD

Manual Integrations APPROVED
Sohil
12/12/2017 3:59:24 PM

Quant Time: Dec 12 03:13:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	51348	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	192342	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	85526	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	139739	20.00	ng		0.00
75) Chrysene-d12	14.02	240	102401	20.00	ng		0.01
86) Perylene-d12	15.49	264	86117	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	309592	99.63	ng		0.02
7) Phenol-d6	6.47	99	376323	99.75	ng		0.01
23) Nitrobenzene-d5	7.40	82	332867	103.24	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	84842	82.58	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	687454	109.98	ng		0.00
78) Terphenyl-d14	12.95	244	473005	101.03	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	57282	44.579	ng		96
3) Pyridine	3.42	79	162735	48.854	ng		96
4) n-Nitrosodimethylamine	3.40	42	87323	53.674	ng	#	88
6) Aniline	6.50	93	88220	17.982	ng	#	88
8) 2-Chlorophenol	6.62	128	178444	52.667	ng		97
9) Benzaldehyde	6.38	77	46697	20.223	ng		95
10) Phenol	6.49	94	210159	50.098	ng		88
11) bis(2-Chloroethyl)ether	6.57	93	161281	51.257	ng		99
12) 1,3-Dichlorobenzene	6.77	146	202455	51.317	ng		97
13) 1,4-Dichlorobenzene	6.85	146	208973	51.162	ng		99
14) 1,2-Dichlorobenzene	7.00	146	194373	51.019	ng		96
15) Benzyl Alcohol	6.98	79	148218	50.867	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	249219	58.268	ng		80
17) 2-Methylphenol	7.09	107	146026	53.375	ng		93
18) Hexachloroethane	7.33	117	60041	45.754	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	122901	48.372	ng		95
20) 3+4-Methylphenols	7.25	107	187086	52.435	ng	#	64
22) Acetophenone	7.25	105	238101	51.239	ng	#	91
24) Nitrobenzene	7.42	77	179185	56.702	ng		99
25) Isophorone	7.66	82	324507	58.920	ng		99
26) 2-Nitrophenol	7.73	139	88581	51.063	ng		99
27) 2,4-Dimethylphenol	7.77	122	158188	63.037	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	204952	55.368	ng		98
29) 2,4-Dichlorophenol	7.98	162	154246	56.468	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	164479	54.761	ng		95
31) Naphthalene	8.14	128	506306	53.410	ng		100
32) Benzoic acid	7.91	122	41370	21.196	ng		97
33) 4-Chloroaniline	8.19	127	47338	12.428	ng		98
34) Hexachlorobutadiene	8.25	225	99499	54.011	ng		99
35) Caprolactam	8.59	113	40963m	48.120	ng		
36) 4-Chloro-3-methylphenol	8.69	107	153089	54.104	ng		99
37) 2-Methylnaphthalene	8.83	142	347111	53.889	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	155807	50.147	ng	#	96
40) Hexachlorocyclopentadiene	8.97	237	17240	21.841	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	102560	56.310	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	103808	53.312	ng		93
45) 1,1'-Biphenyl	9.29	154	401945	51.295	ng		96
46) 2-Chloronaphthalene	9.32	162	312617	56.177	ng		98
47) 2-Nitroaniline	9.42	65	91598	55.634	ng		97
48) Acenaphthylene	9.74	152	464121	50.749	ng		99
49) Dimethylphthalate	9.59	163	379794	55.063	ng		99
50) 2,6-Dinitrotoluene	9.67	165	75687	52.099	ng		89
51) Acenaphthene	9.91	154	274277	50.086	ng		100
52) 3-Nitroaniline	9.83	138	47484	29.065	ng		100
53) 2,4-Dinitrophenol	9.96	184	8810	15.909	ng	#	17
54) Dibenzofuran	10.08	168	402673	51.026	ng		100
55) 4-Nitrophenol	10.02	139	81040	73.553	ng		99
56) 2,4-Dinitrotoluene	10.08	165	89612	46.027	ng	#	92
57) Fluorene	10.43	166	319866	49.861	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	75116	48.181	ng	#	86
59) Diethylphthalate	10.29	149	357375	52.530	ng		97
60) 4-Chlorophenyl-phenylether	10.41	204	161930	51.123	ng		95
61) 4-Nitroaniline	10.46	138	69515	40.990	ng		91
62) Azobenzene	10.57	77	296091	51.284	ng		94
64) 4,6-Dinitro-2-methylphenol	10.49	198	11690	12.472	ng	#	73
65) n-Nitrosodiphenylamine	10.53	169	297042	60.254	ng		95
66) 4-Bromophenyl-phenylether	10.90	248	95780	61.235	ng	#	83
67) Hexachlorobenzene	10.97	284	95672	57.071	ng	#	90
68) Atrazine	11.06	200	90253	59.683	ng		97
69) Pentachlorophenol	11.17	266	67317	73.033	ng		98
70) Phenanthrene	11.39	178	411017	53.411	ng		98
71) Anthracene	11.45	178	422070	54.192	ng		98
72) Carbazole	11.60	167	363393	51.067	ng		99
73) Di-n-butylphthalate	11.92	149	499248	55.974	ng		98
74) Fluoranthene	12.58	202	392512	46.014	ng		96
76) Benzidine	12.70	184	192557	57.827	ng		99
77) Pyrene	12.82	202	397430	56.245	ng		99
79) Butylbenzylphthalate	13.42	149	174014	55.857	ng		95
80) Benzo(a)anthracene	14.00	228	353799	54.722	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	113640	50.752	ng	#	97
82) Chrysene	14.04	228	331439	55.198	ng		96
83) Bis(2-ethylhexyl)phthalate	13.97	149	245414	55.249	ng		100
84) Di-n-octyl phthalate	14.59	149	397638	53.765	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	250770	46.975	ng	#	92
87) Benzo(b)fluoranthene	15.06	252	309614	60.024	ng		97
88) Benzo(k)fluoranthene	15.09	252	276162	54.342	ng		97
89) Benzo(a)pyrene	15.43	252	262942	56.071	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	210365	50.884	ng	#	94
91) Benzo(g,h,i)perylene	17.43	276	201277	51.661	ng	#	89

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

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