Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101236.D
Acq On : 8 Dec 2017 15:29
Operator : SJ/JU
Sample : PB104832BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB104832BS

Quant Time: Dec 08 18:23:05 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	6.82	152	46065	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	179466	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	88155	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	183404	20.00	ng		0.00
75) Chrysene-d12	14.00	240	160643	20.00	ng		0.00
86) Perylene-d12	15.47	264	128209	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	285932	102.57	ng		0.01
7) Phenol-d6	6.46	99	343371	101.45	ng		0.00
23) Nitrobenzene-d5	7.39	82	211263	70.22	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	105518	99.64	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	483381	75.02	ng		0.00
78) Terphenyl-d14	12.94	244	531246	72.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	34319	29.771	ng	#	94
3) Pyridine	3.42	79	93249	31.205	ng		91
4) n-Nitrosodimethylamine	3.37	42	50097	34.324	ng		86
6) Aniline	6.49	93	84572	19.216	ng		100
8) 2-Chlorophenol	6.61	128	103142	33.933	ng		97
9) Benzaldehyde	6.37	77	36118	17.436	ng		98
10) Phenol	6.47	94	121218	32.210	ng		93
11) bis(2-Chloroethyl)ether	6.56	93	89761	31.798	ng		98
12) 1,3-Dichlorobenzene	6.76	146	119631	33.801	ng		96
13) 1,4-Dichlorobenzene	6.84	146	121391	33.128	ng		98
14) 1,2-Dichlorobenzene	6.99	146	111172	32.527	ng		96
15) Benzyl Alcohol	6.97	79	86248	32.994	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	144941	37.774	ng		93
17) 2-Methylphenol	7.08	107	84687	34.505	ng		96
18) Hexachloroethane	7.33	117	39643	33.674	ng	#	88
19) n-Nitroso-di-n-propylamine	7.23	70	70200	30.798	ng		93
20) 3+4-Methylphenols	7.23	107	108078	33.765	ng	#	70
22) Acetophenone	7.23	105	136476	31.477	ng	#	86
24) Nitrobenzene	7.41	77	102008	34.596	ng		98
25) Isophorone	7.65	82	187420	36.471	ng		99
26) 2-Nitrophenol	7.73	139	55925	34.551	ng		91
27) 2,4-Dimethylphenol	7.76	122	92984	39.712	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	114664	33.199	ng		98
29) 2,4-Dichlorophenol	7.97	162	90940	35.681	ng		95
30) 1,2,4-Trichlorobenzene	8.05	180	97562	34.812	ng		95
31) Naphthalene	8.13	128	302127	34.158	ng		99
32) Benzoic acid	7.89	122	47538	26.104	ng		95
33) 4-Chloroaniline	8.18	127	50722	14.272	ng		98
34) Hexachlorobutadiene	8.24	225	58079	33.789	ng		99
35) Caprolactam	8.55	113	26698m	33.612	ng		
36) 4-Chloro-3-methylphenol	8.67	107	92580	35.067	ng		100
37) 2-Methylnaphthalene	8.82	142	211139	35.131	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	97821	30.545	ng	#	97
40) Hexachlorocyclopentadiene	8.97	237	61146	55.205	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	64188	34.191	ng		97
43) 2,4,5-Trichlorophenol	9.15	196	69858	34.807	ng		93
45) 1,1'-Biphenyl	9.29	154	247061	30.589	ng		97
46) 2-Chloronaphthalene	9.31	162	198150	34.545	ng		96
47) 2-Nitroaniline	9.41	65	56420	33.246	ng		97
48) Acenaphthylene	9.73	152	305580	32.417	ng		99
49) Dimethylphthalate	9.59	163	231345	32.540	ng		98
50) 2,6-Dinitrotoluene	9.65	165	51003	34.061	ng		97
51) Acenaphthene	9.90	154	181630	32.178	ng		99
52) 3-Nitroaniline	9.82	138	33933	20.151	ng		98
53) 2,4-Dinitrophenol	9.94	184	34555	46.995	ng	#	20
54) Dibenzofuran	10.07	168	272346	33.482	ng		99
55) 4-Nitrophenol	9.99	139	67848	59.743	ng		97
56) 2,4-Dinitrotoluene	10.06	165	68613	34.190	ng	#	95
57) Fluorene	10.42	166	224050	33.883	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	53719	33.429	ng	#	90
59) Diethylphthalate	10.29	149	227688	32.469	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	108751	33.310	ng		90
61) 4-Nitroaniline	10.45	138	53726	30.735	ng		92
62) Azobenzene	10.56	77	199451	33.515	ng		95
64) 4,6-Dinitro-2-methylphenol	10.47	198	28310	23.014	ng		89
65) n-Nitrosodiphenylamine	10.53	169	202572	31.308	ng		96
66) 4-Bromophenyl-phenylether	10.89	248	67822	33.037	ng		90
67) Hexachlorobenzene	10.96	284	71445	32.472	ng	#	91
68) Atrazine	11.05	200	68904	34.717	ng		98
69) Pentachlorophenol	11.16	266	63678	52.637	ng		99
70) Phenanthrene	11.38	178	337168	33.383	ng		97
71) Anthracene	11.43	178	346307	33.878	ng		99
72) Carbazole	11.59	167	302272	32.364	ng		98
73) Di-n-butylphthalate	11.91	149	376194	32.136	ng		98
74) Fluoranthene	12.57	202	364355	32.544	ng		96
76) Benzidine	12.69	184	136902	26.207	ng		97
77) Pyrene	12.80	202	375209	33.849	ng		100
79) Butylbenzylphthalate	13.41	149	159779	32.693	ng		91
80) Benzo(a)anthracene	13.99	228	338023	33.327	ng		97
81) 3,3'-Dichlorobenzidine	13.95	252	60726	17.288	ng	#	94
82) Chrysene	14.03	228	319532	33.921	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	224039	32.151	ng		99
84) Di-n-octyl phthalate	14.57	149	361643	31.170	ng		100
85) Indeno(1,2,3-cd)pyrene	16.94	276	221096	26.401	ng	#	91
87) Benzo(b)fluoranthene	15.04	252	284956	37.107	ng		97
88) Benzo(k)fluoranthene	15.07	252	246878	32.630	ng		97
89) Benzo(a)pyrene	15.41	252	244899	35.078	ng	#	97
90) Dibenzo(a,h)anthracene	16.95	278	185344	30.113	ng	#	93
91) Benzo(g,h,i)perylene	17.39	276	180853	31.179	ng	#	92

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

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