Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052815\
Data File : BF079549.D
Acq On : 28 May 2015 17:34
Operator : TP/IZ
Sample : G2386-13MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8-SSMSD

Manual Integrations APPROVED
apatel
5/29/2015 5:12:18 PM

Quant Time: May 29 09:05:53 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 18:41:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	72295	20.00	ng		0.00
21) Naphthalene-d8	8.54	136	294603	20.00	ng		0.00
38) Acenaphthene-d10	10.71	164	139904	20.00	ng		0.00
63) Phenanthrene-d10	12.54	188	262975	20.00	ng		0.00
75) Chrysene-d12	15.82	240	270536	20.00	ng		-0.02
86) Perylene-d12	17.52	264	300983	20.00	ng		-0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	455443m	109.27	ng		0.01
7) Phenol-d6	6.57	99	607280	114.31	ng		0.01
23) Nitrobenzene-d5	7.67	82	359495	70.54	ng		0.00
41) 2,4,6-Tribromophenol	11.69	330	168145	109.42	ng		0.00
44) 2-Fluorobiphenyl	9.88	172	693732	70.74	ng		0.00
78) Terphenyl-d14	14.54	244	793829	68.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.79	88	64367m	32.46	ng		
3) Pyridine	2.43	79	133669m	30.61	ng		
4) n-Nitrosodimethylamine	2.35	42	80491m	37.44	ng		
6) Aniline	6.56	93	132309m	17.55	ng		
8) 2-Chlorophenol	6.71	128	175209	36.11	ng		94
9) Benzaldehyde	6.41	77	18810	4.27	ng		94
10) Phenol	6.58	94	230568m	36.86	ng		
11) bis(2-Chloroethyl)ether	6.66	93	166130	36.72	ng		97
12) 1,3-Dichlorobenzene	6.88	146	184600	34.34	ng		100
13) 1,4-Dichlorobenzene	6.98	146	189120	34.49	ng		99
14) 1,2-Dichlorobenzene	7.16	146	182055	35.75	ng		100
15) Benzyl Alcohol	7.16	79	149075	38.18	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.34	45	249505	37.67	ng		86
17) 2-Methylphenol	7.32	107	138219	36.26	ng		97
18) Hexachloroethane	7.58	117	62667	33.20	ng		97
19) n-Nitroso-di-n-propylamine	7.50	70	137735	36.85	ng	#	92
20) 3+4-Methylphenols	7.52	107	186009	35.51	ng		92
22) Acetophenone	7.48	105	254886	38.62	ng	#	90
24) Nitrobenzene	7.69	77	180206	35.88	ng	#	82
25) Isophorone	7.99	82	347654	37.42	ng		95
26) 2-Nitrophenol	8.08	139	93680	39.39	ng		92
27) 2,4-Dimethylphenol	8.16	122	140228	32.80	ng		95
28) bis(2-Chloroethoxy)methane	8.27	93	221716	38.51	ng		99
29) 2,4-Dichlorophenol	8.39	162	151299	38.64	ng		93
30) 1,2,4-Trichlorobenzene	8.48	180	153931	37.90	ng		94
31) Naphthalene	8.57	128	572986	40.53	ng		99
33) 4-Chloroaniline	8.66	127	131403	22.25	ng	#	93
34) Hexachlorobutadiene	8.72	225	80753	34.95	ng		98
35) Caprolactam	9.08	113	44884	36.35	ng	#	87
36) 4-Chloro-3-methylphenol	9.28	107	157075	38.67	ng		88
37) 2-Methylnaphthalene	9.43	142	405595	41.32	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.63	216	148561	37.96	ng	#	100
40) Hexachlorocyclopentadiene	9.61	237	30703	37.78	ng		99
42) 2,4,6-Trichlorophenol	9.79	196	99745	36.50	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.84	196	105298	38.71	ng	#	83
45) 1,1'-Biphenyl	10.01	154	437884	40.07	ng		99
46) 2-Chloronaphthalene	10.02	162	320518	37.14	ng		98
47) 2-Nitroaniline	10.17	65	101497	39.55	ng	#	59
48) Acenaphthylene	10.54	152	824733	57.57	ng		99
49) Dimethylphthalate	10.41	163	422072	40.94	ng		99
50) 2,6-Dinitrotoluene	10.48	165	79874	38.78	ng	#	72
51) Acenaphthene	10.74	154	313343	38.25	ng		100
52) 3-Nitroaniline	10.68	138	81478	30.42	ng	#	75
53) 2,4-Dinitrophenol	10.83	184	11449	24.45	ng		95
54) Dibenzofuran	10.96	168	491400	40.67	ng		100
55) 4-Nitrophenol	10.92	139	129841m	87.40	ng		
56) 2,4-Dinitrotoluene	10.98	165	105853	38.32	ng	#	76
57) Fluorene	11.38	166	411816	41.36	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.13	232	77743	39.28	ng	#	100
59) Diethylphthalate	11.28	149	400034	39.64	ng		97
60) 4-Chlorophenyl-phenylether	11.39	204	165652	38.50	ng		94
61) 4-Nitroaniline	11.44	138	79901	32.02	ng		78
62) Azobenzene	11.59	77	354662	36.14	ng		97
64) 4,6-Dinitro-2-methylphenol	11.48	198	25401	23.32	ng		83
65) n-Nitrosodiphenylamine	11.55	169	329592	37.74	ng		99
66) 4-Bromophenyl-phenylether	12.00	248	105533	38.97	ng		95
67) Hexachlorobenzene	12.06	284	115696	37.47	ng		96
68) Atrazine	12.23	200	99299	42.08	ng		96
69) Pentachlorophenol	12.32	266	94829	80.18	ng		97
70) Phenanthrene	12.57	178	700235	48.54	ng		100
71) Anthracene	12.63	178	777482	53.08	ng		98
72) Carbazole	12.85	167	557893	39.56	ng		99
73) Di-n-butylphthalate	13.30	149	669179	42.32	ng		99
74) Fluoranthene	14.05	202	974533	62.99	ng		99
77) Pyrene	14.32	202	1005266	59.98	ng		100
79) Butylbenzylphthalate	15.15	149	310134	41.14	ng		99
80) Benzo(a)anthracene	15.81	228	931810	59.87	ng		96
81) 3,3'-Dichlorobenzidine	15.78	252	137034	24.05	ng	#	96
82) Chrysene	15.85	228	857323	57.96	ng		99
83) Bis(2-ethylhexyl)phthalate	15.87	149	462936	42.87	ng		99
84) Di-n-octyl phthalate	16.66	149	815082	43.37	ng		100
85) Indeno(1,2,3-cd)pyrene	18.82	276	1111919m	58.44	ng		
87) Benzo(b)fluoranthene	17.10	252	1373428m	80.01	ng		
88) Benzo(k)fluoranthene	17.12	252	716075m	46.65	ng		
89) Benzo(a)pyrene	17.46	252	957978	64.47	ng	#	97
90) Dibenzo(a,h)anthracene	18.83	278	656447	41.57	ng	#	94
91) Benzo(g,h,i)perylene	19.20	276	930529	58.33	ng		99

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

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