Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079227.D
Acq On : 14 May 2015 8:12
Operator : TP/IZ
Sample : G2176-05MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PS-31(0-10)MSD

Manual Integrations APPROVED
apatel
5/14/2015 5:03:25 PM

Quant Time: May 14 09:10:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 06:50:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	59920	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	249337	20.00	ng		0.00
38) Acenaphthene-d10	10.98	164	116229	20.00	ng		0.00
63) Phenanthrene-d10	12.82	188	218683	20.00	ng		-0.01
75) Chrysene-d12	16.13	240	224211	20.00	ng		0.00
86) Perylene-d12	17.90	264	241732	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	470096	135.05	ng		0.00
7) Phenol-d6	6.81	99	539562	117.27	ng		0.01
23) Nitrobenzene-d5	7.93	82	343288	79.13	ng		0.00
41) 2,4,6-Tribromophenol	11.97	330	168337	133.88	ng		0.00
44) 2-Fluorobiphenyl	10.16	172	707534	84.81	ng		0.00
78) Terphenyl-d14	14.82	244	759065	81.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	56009m	37.01	ng		
3) Pyridine	2.92	79	112268	25.35	ng		99
4) n-Nitrosodimethylamine	2.82	42	74166m	39.08	ng		
6) Aniline	6.82	93	108071	16.64	ng	#	1
8) 2-Chlorophenol	6.97	128	171736	43.50	ng		91
9) Benzaldehyde	6.68	77	36222	11.69	ng		99
10) Phenol	6.82	94	203190	38.07	ng		90
11) bis(2-Chloroethyl)ether	6.92	93	165431	42.28	ng		96
12) 1,3-Dichlorobenzene	7.15	146	168108	37.88	ng		97
13) 1,4-Dichlorobenzene	7.26	146	173712	38.04	ng		98
14) 1,2-Dichlorobenzene	7.44	146	167503	39.40	ng		99
15) Benzyl Alcohol	7.42	79	134272	39.31	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.60	45	239391	39.99	ng		97
17) 2-Methylphenol	7.56	107	136032	42.82	ng		97
18) Hexachloroethane	7.85	117	53821	34.22	ng	#	81
19) n-Nitroso-di-n-propylamine	7.75	70	119450	38.44	ng		91
20) 3+4-Methylphenols	7.76	107	176887	41.78	ng	#	44
22) Acetophenone	7.75	105	245515	43.58	ng	#	89
24) Nitrobenzene	7.95	77	182456	42.43	ng	#	87
25) Isophorone	8.25	82	330919	41.14	ng		95
26) 2-Nitrophenol	8.34	139	84932	47.72	ng	#	88
27) 2,4-Dimethylphenol	8.41	122	160349	45.02	ng		96
28) bis(2-Chloroethoxy)methane	8.52	93	201903	40.72	ng		98
29) 2,4-Dichlorophenol	8.64	162	146836	46.36	ng		93
30) 1,2,4-Trichlorobenzene	8.74	180	144283	41.47	ng		94
31) Naphthalene	8.83	128	478708	40.29	ng		99
32) Benzoic acid	8.52	122	101001	45.63	ng		93
33) 4-Chloroaniline	8.91	127	68844	13.69	ng		97
34) Hexachlorobutadiene	8.99	225	77831	38.85	ng		97
35) Caprolactam	9.35	113	40182	39.23	ng	#	76
36) 4-Chloro-3-methylphenol	9.52	107	147447	44.32	ng		99
37) 2-Methylnaphthalene	9.70	142	351257	42.66	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.91	216	138891	42.43	ng	#	100
40) Hexachlorocyclopentadiene	9.88	237	33594	20.41	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.04	196	99542	44.23	ng		92
43) 2,4,5-Trichlorophenol	10.10	196	107628	47.30	ng	#	86
45) 1,1'-Biphenyl	10.27	154	400829	43.38	ng		99
46) 2-Chloronaphthalene	10.30	162	307248	42.63	ng		100
47) 2-Nitroaniline	10.43	65	98077	46.97	ng	#	73
48) Acenaphthylene	10.81	152	526956	44.53	ng		100
49) Dimethylphthalate	10.66	163	380729	44.63	ng		98
50) 2,6-Dinitrotoluene	10.74	165	83530	49.62	ng	#	72
51) Acenaphthene	11.03	154	302937	42.93	ng		98
52) 3-Nitroaniline	10.94	138	58060	27.61	ng		82
53) 2,4-Dinitrophenol	11.08	184	25275	48.67	ng	#	71
54) Dibenzofuran	11.24	168	463145	45.44	ng		95
55) 4-Nitrophenol	11.16	139	147030	88.34	ng		91
56) 2,4-Dinitrotoluene	11.23	165	104273	46.85	ng		91
57) Fluorene	11.67	166	376052	44.95	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.39	232	86677	46.62	ng	#	100
59) Diethylphthalate	11.54	149	365648	43.27	ng		98
60) 4-Chlorophenyl-phenylether	11.68	204	163607	44.08	ng	#	88
61) 4-Nitroaniline	11.70	138	86437	41.09	ng	#	78
62) Azobenzene	11.87	77	360842	43.33	ng		89
64) 4,6-Dinitro-2-methylphenol	11.74	198	24094	30.98	ng		96
65) n-Nitrosodiphenylamine	11.83	169	318350	43.71	ng		100
66) 4-Bromophenyl-phenylether	12.29	248	104204	45.72	ng	#	87
67) Hexachlorobenzene	12.34	284	115273	44.25	ng	#	86
68) Atrazine	12.50	200	99768	47.11	ng		94
69) Pentachlorophenol	12.59	266	124064	81.27	ng		97
70) Phenanthrene	12.86	178	525865	42.98	ng		99
71) Anthracene	12.93	178	545940	45.49	ng		99
72) Carbazole	13.13	167	543414	47.50	ng		98
73) Di-n-butylphthalate	13.58	149	644806	47.00	ng	#	98
74) Fluoranthene	14.33	202	581935	45.65	ng		99
76) Benzidine	14.51	184	156373	25.88	ng		96
77) Pyrene	14.62	202	618297	47.86	ng		100
79) Butylbenzylphthalate	15.44	149	278102	49.24	ng		92
80) Benzo(a)anthracene	16.11	228	565815	46.08	ng		99
81) 3,3'-Dichlorobenzidine	16.09	252	184769	42.25	ng	#	97
82) Chrysene	16.16	228	518689	43.92	ng		100
83) Bis(2-ethylhexyl)phthalate	16.17	149	411451	48.10	ng		99
84) Di-n-octyl phthalate	16.98	149	734228	48.73	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.34	276	672029	44.66	ng	#	100
87) Benzo(b)fluoranthene	17.44	252	690139	52.16	ng		99
88) Benzo(k)fluoranthene	17.47	252	478609m	37.37	ng		
89) Benzo(a)pyrene	17.83	252	568867	46.69	ng	#	95
90) Dibenzo(a,h)anthracene	19.36	278	565053	43.64	ng		97
91) Benzo(g,h,i)perylene	19.76	276	535011	41.23	ng		96

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

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