Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022715\
Data File : BF077517.D
Acq On : 27 Feb 2015 20:56
Operator : TP/IZ
Sample : G1388-03MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1121-20MS

Quant Time: Feb 28 01:18:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 27 22:28:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	96087	20.00	ng		0.00
21) Naphthalene-d8	8.83	136	387615	20.00	ng		0.00
38) Acenaphthene-d10	11.01	164	203818	20.00	ng		0.00
63) Phenanthrene-d10	12.85	188	406100	20.00	ng		0.00
75) Chrysene-d12	16.14	240	415406	20.00	ng		-0.01
86) Perylene-d12	17.83	264	404768	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	627459	109.02	ng		0.00
7) Phenol-d6	6.82	99	786947	106.34	ng		0.00
23) Nitrobenzene-d5	7.95	82	480016	77.01	ng		0.00
41) 2,4,6-Tribromophenol	11.99	330	230701	117.55	ng		0.00
44) 2-Fluorobiphenyl	10.18	172	1033286	79.05	ng		0.00
78) Terphenyl-d14	14.85	244	1246587	70.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	69543	28.47	ng		98
3) Pyridine	2.94	79	197254	28.23	ng		95
4) n-Nitrosodimethylamine	2.86	42	96537	31.78	ng		95
6) Aniline	6.85	93	137844	13.48	ng	#	33
8) 2-Chlorophenol	6.99	128	242731	35.75	ng		92
9) Benzaldehyde	6.70	77	58371	12.99	ng		94
10) Phenol	6.84	94	285563	32.52	ng		87
11) bis(2-Chloroethyl)ether	6.95	93	208576	33.06	ng		86
12) 1,3-Dichlorobenzene	7.18	146	255329	34.53	ng	#	92
13) 1,4-Dichlorobenzene	7.28	146	243743	32.41	ng		96
14) 1,2-Dichlorobenzene	7.46	146	242254	33.86	ng		95
15) Benzyl Alcohol	7.44	79	190116	33.80	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.62	45	324060	35.93	ng		97
17) 2-Methylphenol	7.58	107	193370	36.44	ng		98
18) Hexachloroethane	7.88	117	90510	36.03	ng		89
19) n-Nitroso-di-n-propylamine	7.77	70	174132	37.05	ng		90
20) 3+4-Methylphenols	7.78	107	249957	35.76	ng	#	77
22) Acetophenone	7.77	105	337843	37.05	ng	#	89
24) Nitrobenzene	7.97	77	242858	37.03	ng		88
25) Isophorone	8.27	82	445787	36.05	ng		94
26) 2-Nitrophenol	8.37	139	106172	39.50	ng	#	83
27) 2,4-Dimethylphenol	8.43	122	224871	37.39	ng		100
28) bis(2-Chloroethoxy)methane	8.55	93	291107	37.26	ng		99
29) 2,4-Dichlorophenol	8.66	162	206324	36.55	ng		90
30) 1,2,4-Trichlorobenzene	8.77	180	215965	34.80	ng		97
31) Naphthalene	8.86	128	708760	36.56	ng		99
32) Benzoic acid	8.51	122	65171	22.30	ng		97
33) 4-Chloroaniline	8.93	127	117884	13.68	ng	#	94
34) Hexachlorobutadiene	9.02	225	126604	35.73	ng		98
35) Caprolactam	9.36	113	63279	36.72	ng	#	83
36) 4-Chloro-3-methylphenol	9.54	107	214538	37.80	ng		95
37) 2-Methylnaphthalene	9.72	142	510678	37.10	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.93	216	225231	38.51	ng		99
40) Hexachlorocyclopentadiene	9.91	237	227786	72.64	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.07	196	149403	38.58	ng		99
43) 2,4,5-Trichlorophenol	10.11	196	161128	38.91	ng	#	86
45) 1,1'-Biphenyl	10.30	154	602389	39.01	ng		99
46) 2-Chloronaphthalene	10.32	162	461113	38.08	ng		93
47) 2-Nitroaniline	10.45	65	131469	44.10	ng	#	65
48) Acenaphthylene	10.83	152	725841	37.86	ng		99
49) Dimethylphthalate	10.69	163	624789	43.61	ng		98
50) 2,6-Dinitrotoluene	10.76	165	120157	41.82	ng	#	71
51) Acenaphthene	11.05	154	432759	37.83	ng		99
52) 3-Nitroaniline	10.96	138	72841	21.99	ng		92
53) 2,4-Dinitrophenol	11.09	184	73935	84.57	ng	#	69
54) Dibenzofuran	11.26	168	679261	38.45	ng		100
55) 4-Nitrophenol	11.17	139	192817	72.37	ng	#	67
56) 2,4-Dinitrotoluene	11.26	165	155166	39.97	ng	#	74
57) Fluorene	11.69	166	547593	38.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.42	232	136678	41.05	ng		97
59) Diethylphthalate	11.57	149	581669	41.18	ng		96
60) 4-Chlorophenyl-phenylether	11.70	204	261844	38.48	ng		96
61) 4-Nitroaniline	11.71	138	119337	37.59	ng		92
62) Azobenzene	11.89	77	551864	41.18	ng		98
64) 4,6-Dinitro-2-methylphenol	11.76	198	61349	38.64	ng		76
65) n-Nitrosodiphenylamine	11.85	169	487378	36.17	ng		98
66) 4-Bromophenyl-phenylether	12.30	248	164238	34.54	ng		97
67) Hexachlorobenzene	12.36	284	173768	34.04	ng		95
68) Atrazine	12.52	200	168839	38.54	ng		94
69) Pentachlorophenol	12.61	266	192339	71.70	ng		99
70) Phenanthrene	12.88	178	783432	33.28	ng		98
71) Anthracene	12.94	178	835959	35.79	ng		99
72) Carbazole	13.15	167	783847	35.29	ng		100
73) Di-n-butylphthalate	13.60	149	976084	37.43	ng		100
74) Fluoranthene	14.35	202	877927	34.15	ng		97
76) Benzidine	14.53	184	383057	27.29	ng		98
77) Pyrene	14.63	202	914420	35.99	ng		100
79) Butylbenzylphthalate	15.46	149	408575	39.08	ng	#	80
80) Benzo(a)anthracene	16.12	228	841184	34.55	ng		99
81) 3,3'-Dichlorobenzidine	16.10	252	199578	22.37	ng	#	96
82) Chrysene	16.17	228	792718	34.68	ng		100
83) Bis(2-ethylhexyl)phthalate	16.18	149	648141	38.66	ng	#	96
84) Di-n-octyl phthalate	16.96	149	1081996	38.66	ng		100
85) Indeno(1,2,3-cd)pyrene	19.29	276	933855m	35.83	ng		
87) Benzo(b)fluoranthene	17.40	252	864779	36.74	ng		99
88) Benzo(k)fluoranthene	17.43	252	742239m	32.18	ng		
89) Benzo(a)pyrene	17.77	252	786022	35.06	ng		98
90) Dibenzo(a,h)anthracene	19.31	278	768021	35.92	ng		98
91) Benzo(g,h,i)perylene	19.70	276	759753	35.21	ng		99

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

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