Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
Data File : BF077857.D
Acq On : 20 Mar 2015 5:45
Operator : TP/IZ
Sample : G1557-01MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-PS-01-015MSD

Quant Time: Mar 20 07:07:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 20 06:30:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	43787	20.00	ng		0.00
21) Naphthalene-d8	8.73	136	176413	20.00	ng		0.00
38) Acenaphthene-d10	10.90	164	89202	20.00	ng		0.00
63) Phenanthrene-d10	12.74	188	177358	20.00	ng		0.00
75) Chrysene-d12	16.02	240	179665	20.00	ng		-0.01
86) Perylene-d12	17.76	264	179897	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	390469	155.66	ng		0.01
7) Phenol-d6	6.74	99	513446	165.66	ng		0.01
23) Nitrobenzene-d5	7.85	82	279296	103.78	ng		0.00
41) 2,4,6-Tribromophenol	11.88	330	122001	142.95	ng		0.00
44) 2-Fluorobiphenyl	10.08	172	594117	97.88	ng		0.00
78) Terphenyl-d14	14.74	244	703578	95.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	41413	36.36	ng	#	100
3) Pyridine	2.74	79	106365	34.76	ng		97
4) n-Nitrosodimethylamine	2.66	42	61396	46.08	ng		87
6) Aniline	6.74	93	55274	12.47	ng	#	14
8) 2-Chlorophenol	6.89	128	146216	48.97	ng		97
9) Benzaldehyde	6.60	77	9888	7.79	ng		94
10) Phenol	6.75	94	178603	48.75	ng		78
11) bis(2-Chloroethyl)ether	6.85	93	134056	48.85	ng		98
12) 1,3-Dichlorobenzene	7.07	146	145993m	43.96	ng		
13) 1,4-Dichlorobenzene	7.17	146	150133	43.51	ng		98
14) 1,2-Dichlorobenzene	7.36	146	145391	45.96	ng		96
15) Benzyl Alcohol	7.34	79	117803	48.69	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.52	45	169489	45.83	ng		97
17) 2-Methylphenol	7.49	107	112476	46.27	ng		96
18) Hexachloroethane	7.77	117	50133	44.30	ng		91
19) n-Nitroso-di-n-propylamine	7.68	70	98317	45.86	ng		98
20) 3+4-Methylphenols	7.69	107	151934	47.63	ng		94
22) Acetophenone	7.66	105	198530	50.84	ng	#	95
24) Nitrobenzene	7.87	77	146250	50.44	ng		94
25) Isophorone	8.17	82	251220	46.22	ng	#	91
26) 2-Nitrophenol	8.27	139	70693	49.80	ng		90
27) 2,4-Dimethylphenol	8.34	122	129623	50.13	ng		98
28) bis(2-Chloroethoxy)methane	8.45	93	165550	50.18	ng		98
29) 2,4-Dichlorophenol	8.57	162	125119	50.76	ng		99
30) 1,2,4-Trichlorobenzene	8.66	180	126559	45.89	ng		96
31) Naphthalene	8.75	128	409559	45.20	ng		99
32) Benzoic acid	8.46	122	74970	51.72	ng		97
33) 4-Chloroaniline	8.84	127	47498	12.92	ng		99
34) Hexachlorobutadiene	8.91	225	71499	45.74	ng		97
35) Caprolactam	9.28	113	37775	52.44	ng	#	82
36) 4-Chloro-3-methylphenol	9.46	107	121888	49.15	ng		98
37) 2-Methylnaphthalene	9.62	142	286177	47.02	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.82	216	121699	45.74	ng	#	100
40) Hexachlorocyclopentadiene	9.80	237	112565	84.34	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.97	196	87882	47.69	ng		98
43) 2,4,5-Trichlorophenol	10.02	196	90876	45.64	ng	#	87
45) 1,1'-Biphenyl	10.20	154	333556	46.78	ng		98
46) 2-Chloronaphthalene	10.21	162	266541	46.00	ng	#	93
47) 2-Nitroaniline	10.35	65	73244	50.89	ng		92
48) Acenaphthylene	10.73	152	432574	44.89	ng		99
49) Dimethylphthalate	10.59	163	337362	50.99	ng		100
50) 2,6-Dinitrotoluene	10.66	165	66355	48.38	ng		94
51) Acenaphthene	10.95	154	245698	44.47	ng		99
52) 3-Nitroaniline	10.87	138	32594	20.46	ng		100
53) 2,4-Dinitrophenol	11.00	184	55754	107.57	ng	#	65
54) Dibenzofuran	11.15	168	388567	47.42	ng		92
55) 4-Nitrophenol	11.09	139	109043	92.42	ng	#	76
56) 2,4-Dinitrotoluene	11.16	165	92746	51.86	ng	#	60
57) Fluorene	11.59	166	313847	46.13	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.31	232	75259	49.09	ng	#	100
59) Diethylphthalate	11.47	149	315944	49.01	ng		99
60) 4-Chlorophenyl-phenylether	11.59	204	142134	45.77	ng	#	84
61) 4-Nitroaniline	11.62	138	70520	44.43	ng		84
62) Azobenzene	11.79	77	295417	47.95	ng		94
64) 4,6-Dinitro-2-methylphenol	11.65	198	39721	47.48	ng		97
65) n-Nitrosodiphenylamine	11.75	169	278264	47.12	ng		99
66) 4-Bromophenyl-phenylether	12.19	248	85587	45.22	ng	#	81
67) Hexachlorobenzene	12.25	284	89898	43.23	ng	#	77
68) Atrazine	12.42	200	90122	54.45	ng		95
69) Pentachlorophenol	12.51	266	97566	89.20	ng		99
70) Phenanthrene	12.76	178	464019	45.57	ng		99
71) Anthracene	12.83	178	460019	45.73	ng		100
72) Carbazole	13.05	167	453311	47.37	ng		97
73) Di-n-butylphthalate	13.49	149	504093	46.98	ng		100
74) Fluoranthene	14.24	202	510655	45.47	ng		93
76) Benzidine	14.43	184	150058	33.69	ng		100
77) Pyrene	14.52	202	519157	45.95	ng		100
79) Butylbenzylphthalate	15.36	149	228857	51.38	ng		95
80) Benzo(a)anthracene	16.01	228	490788	46.08	ng		100
81) 3,3'-Dichlorobenzidine	16.00	252	85779	24.42	ng	#	97
82) Chrysene	16.05	228	462566	48.30	ng		99
83) Bis(2-ethylhexyl)phthalate	16.08	149	329604	48.85	ng	#	97
84) Di-n-octyl phthalate	16.87	149	557165	48.29	ng		99
85) Indeno(1,2,3-cd)pyrene	19.15	276	550208	46.03	ng	#	100
87) Benzo(b)fluoranthene	17.31	252	477200	40.63	ng		98
88) Benzo(k)fluoranthene	17.35	252	479944m	52.32	ng		
89) Benzo(a)pyrene	17.69	252	470103	47.97	ng	#	96
90) Dibenzo(a,h)anthracene	19.17	278	456417	46.96	ng		97
91) Benzo(g,h,i)perylene	19.56	276	457106	46.20	ng		99

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

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