Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
Data File : BF077870.D
Acq On : 20 Mar 2015 18:30
Operator : TP/IZ
Sample : G1604-05MS
Misc : W/DOD
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-0119MS

Quant Time: Mar 21 00:36:01 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 23:52:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	44716	20.00	ng		0.00
21) Naphthalene-d8	8.70	136	180970	20.00	ng		0.00
38) Acenaphthene-d10	10.88	164	89043	20.00	ng		0.00
63) Phenanthrene-d10	12.71	188	169116	20.00	ng		-0.01
75) Chrysene-d12	16.02	240	185860	20.00	ng		0.01
86) Perylene-d12	17.85	264	179719	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	119509	46.65	ng		0.00
7) Phenol-d6	6.70	99	90130	28.48	ng		0.00
23) Nitrobenzene-d5	7.82	82	254799	92.29	ng		0.00
41) 2,4,6-Tribromophenol	11.86	330	98699	115.85	ng		0.00
44) 2-Fluorobiphenyl	10.05	172	542539	89.54	ng		0.00
78) Terphenyl-d14	14.71	244	531317	69.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	12663	10.89	ng	#	100
3) Pyridine	2.76	79	25639	8.20	ng		95
4) n-Nitrosodimethylamine	2.64	42	15488	11.38	ng	#	90
6) Aniline	6.72	93	84267	18.61	ng	#	82
8) 2-Chlorophenol	6.86	128	93920	30.80	ng		90
9) Benzaldehyde	6.57	77	8301	6.40	ng		96
10) Phenol	6.72	94	38522	10.30	ng	#	24
11) bis(2-Chloroethyl)ether	6.82	93	124330	44.37	ng		95
12) 1,3-Dichlorobenzene	7.05	146	132369	39.03	ng		98
13) 1,4-Dichlorobenzene	7.15	146	134801	38.25	ng		98
14) 1,2-Dichlorobenzene	7.33	146	129241	40.00	ng		99
15) Benzyl Alcohol	7.31	79	51497	20.84	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.49	45	164404	43.53	ng		98
17) 2-Methylphenol	7.47	107	57290	23.08	ng		98
18) Hexachloroethane	7.74	117	45589	39.45	ng		94
19) n-Nitroso-di-n-propylamine	7.65	70	88558	40.45	ng	#	93
20) 3+4-Methylphenols	7.66	107	64127	19.69	ng		98
22) Acetophenone	7.64	105	178751	44.62	ng	#	89
24) Nitrobenzene	7.85	77	129308	43.48	ng	#	85
25) Isophorone	8.14	82	234809	42.11	ng		95
26) 2-Nitrophenol	8.24	139	56214	38.61	ng	#	86
27) 2,4-Dimethylphenol	8.32	122	86632	32.66	ng		99
28) bis(2-Chloroethoxy)methane	8.43	93	154525	45.66	ng		99
29) 2,4-Dichlorophenol	8.54	162	89460	35.38	ng		95
30) 1,2,4-Trichlorobenzene	8.64	180	108622	38.39	ng		97
31) Naphthalene	8.73	128	365952	39.37	ng		99
32) Benzoic acid	8.40	122	12865	11.23	ng		95
33) 4-Chloroaniline	8.81	127	112661	29.87	ng	#	91
34) Hexachlorobutadiene	8.89	225	63504	39.60	ng		98
35) Caprolactam	9.24	113	2680	3.63	ng	#	90
36) 4-Chloro-3-methylphenol	9.42	107	85410	33.57	ng		96
37) 2-Methylnaphthalene	9.58	142	254700	40.79	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	108129	40.71	ng	#	100
40) Hexachlorocyclopentadiene	9.78	237	107940	81.14	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	67166	36.51 ng		95
43) 2,4,5-Trichlorophenol	10.00	196	73613	37.04 ng		97
45) 1,1'-Biphenyl	10.17	154	299253	42.04 ng		96
46) 2-Chloronaphthalene	10.19	162	241941	41.82 ng		95
47) 2-Nitroaniline	10.33	65	66077	45.99 ng		95
48) Acenaphthylene	10.69	152	379272	39.43 ng		99
49) Dimethylphthalate	10.57	163	295801	44.79 ng		98
50) 2,6-Dinitrotoluene	10.64	165	62830	45.90 ng		90
51) Acenaphthene	10.91	154	215904	39.15 ng		99
52) 3-Nitroaniline	10.84	138	56496	35.53 ng		90
53) 2,4-Dinitrophenol	10.97	184	38868	77.56 ng		95
54) Dibenzofuran	11.13	168	334853	40.93 ng		94
55) 4-Nitrophenol	11.07	139	26291	22.32 ng		95
56) 2,4-Dinitrotoluene	11.13	165	79147	44.34 ng		94
57) Fluorene	11.55	166	273573	40.28 ng		99
58) 2,3,4,6-Tetrachlorophenol	11.29	232	61282	40.04 ng	#	100
59) Diethylphthalate	11.44	149	279455	43.43 ng		96
60) 4-Chlorophenyl-phenylether	11.56	204	124961	40.31 ng	#	89
61) 4-Nitroaniline	11.59	138	60632	38.27 ng		77
62) Azobenzene	11.76	77	258069	41.96 ng		93
64) 4,6-Dinitro-2-methylphenol	11.63	198	32159	40.97 ng		79
65) n-Nitrosodiphenylamine	11.71	169	239825	42.59 ng		99
66) 4-Bromophenyl-phenylether	12.17	248	78235	43.35 ng	#	91
67) Hexachlorobenzene	12.23	284	82561	41.63 ng	#	91
68) Atrazine	12.39	200	73870	46.81 ng		92
69) Pentachlorophenol	12.48	266	83784	80.64 ng		98
70) Phenanthrene	12.74	178	416081	42.86 ng		99
71) Anthracene	12.81	178	419664	43.75 ng		99
72) Carbazole	13.01	167	400476	43.89 ng		99
73) Di-n-butylphthalate	13.47	149	467020	45.65 ng		98
74) Fluoranthene	14.21	202	465923	43.51 ng		98
76) Benzidine	14.40	184	253172	55.26 ng		99
77) Pyrene	14.49	202	473389	40.50 ng		99
79) Butylbenzylphthalate	15.33	149	208945	45.34 ng		98
80) Benzo(a)anthracene	16.01	228	457549	41.53 ng		99
81) 3,3'-Dichlorobenzidine	15.99	252	141366	38.90 ng		99
82) Chrysene	16.05	228	435283	43.94 ng		100
83) Bis(2-ethylhexyl)phthalate	16.08	149	303155	43.43 ng	#	96
84) Di-n-octyl phthalate	16.92	149	517283	43.34 ng		100
85) Indeno(1,2,3-cd)pyrene	19.25	276	496774	40.18 ng	#	100
87) Benzo(b)fluoranthene	17.37	252	469755	40.04 ng		99
88) Benzo(k)fluoranthene	17.40	252	420563m	45.89 ng		
89) Benzo(a)pyrene	17.78	252	432421	44.17 ng	#	98
90) Dibenzo(a,h)anthracene	19.28	278	417460	42.99 ng		98
91) Benzo(g,h,i)perylene	19.65	276	417659	42.25 ng		97

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

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