Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096486.D
Acq On : 5 Jul 2017 16:15
Operator : SJ/MA
Sample : I3871-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-51-20170622MSD

Quant Time: Jul 06 12:16:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	112248	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	464793	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	194655	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	269960	20.00	ng		0.00
75) Chrysene-d12	13.87	240	181120	20.00	ng		0.00
86) Perylene-d12	15.27	264	169878	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	882879	116.09	ng		0.01
7) Phenol-d6	6.36	99	1097831	117.42	ng		0.00
23) Nitrobenzene-d5	7.27	82	587828	76.00	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	160024	105.24	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	996983	87.57	ng		0.00
78) Terphenyl-d14	12.82	244	597121	70.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	103485	28.70	ng	#	77
3) Pyridine	3.10	79	294070	29.72	ng	#	59
4) n-Nitrosodimethylamine	3.04	42	174847	35.80	ng		84
6) Aniline	6.37	93	354595	29.34	ng	#	17
8) 2-Chlorophenol	6.50	128	319898	39.44	ng		100
9) Benzaldehyde	6.26	77	167770	28.67	ng		97
10) Phenol	6.37	94	390844	36.69	ng		77
11) bis(2-Chloroethyl)ether	6.45	93	324157	39.38	ng		91
12) 1,3-Dichlorobenzene	6.66	146	308790	36.31	ng		98
13) 1,4-Dichlorobenzene	6.73	146	310818	36.57	ng		97
14) 1,2-Dichlorobenzene	6.89	146	288388	36.95	ng		97
15) Benzyl Alcohol	6.86	79	241016	38.56	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	582446	34.81	ng		92
17) 2-Methylphenol	6.97	107	233151	36.07	ng		99
18) Hexachloroethane	7.23	117	93951	30.49	ng	#	83
19) n-Nitroso-di-n-propylamine	7.13	70	185962	33.39	ng	#	84
20) 3+4-Methylphenols	7.13	107	278267	38.60	ng		95
22) Acetophenone	7.12	105	378505	37.27	ng		97
24) Nitrobenzene	7.30	77	285398	35.17	ng		89
25) Isophorone	7.54	82	505509	33.71	ng		94
26) 2-Nitrophenol	7.61	139	137707	32.06	ng	#	89
27) 2,4-Dimethylphenol	7.66	122	257445	35.20	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	351046	35.46	ng		99
29) 2,4-Dichlorophenol	7.86	162	237459	37.63	ng		97
30) 1,2,4-Trichlorobenzene	7.94	180	223012	37.47	ng		98
31) Naphthalene	8.02	128	826976	37.69	ng		99
33) 4-Chloroaniline	8.07	127	269114	29.53	ng		96
34) Hexachlorobutadiene	8.15	225	114477	37.50	ng		97
35) Caprolactam	8.43	113	73284	33.68	ng	#	73
36) 4-Chloro-3-methylphenol	8.56	107	239571	34.31	ng		91
37) 2-Methylnaphthalene	8.71	142	549219	39.32	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	197110	39.00	ng		99
40) Hexachlorocyclopentadiene	8.87	237	33299	13.55	ng		95
42) 2,4,6-Trichlorophenol	8.99	196	140315	35.09	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	144077	36.44	ng		96
45) 1,1'-Biphenyl	9.17	154	604168	36.22	ng		98
46) 2-Chloronaphthalene	9.20	162	464140	37.34	ng		94
47) 2-Nitroaniline	9.29	65	167088	36.95	ng		90
48) Acenaphthylene	9.61	152	759247	38.55	ng		99
49) Dimethylphthalate	9.48	163	726039	49.96	ng		100
50) 2,6-Dinitrotoluene	9.53	165	119457	37.18	ng	#	82
51) Acenaphthene	9.79	154	433050	35.67	ng		97
52) 3-Nitroaniline	9.70	138	147339	36.76	ng		92
54) Dibenzofuran	9.96	168	608176	37.94	ng		98
55) 4-Nitrophenol	9.87	139	155922	46.94	ng	#	72
56) 2,4-Dinitrotoluene	9.94	165	136577	33.56	ng	#	94
57) Fluorene	10.30	166	432206	38.18	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	94221	34.45	ng	#	97
59) Diethylphthalate	10.17	149	505807	36.83	ng		100
60) 4-Chlorophenyl-phenylether	10.29	204	184908	37.54	ng		94
61) 4-Nitroaniline	10.31	138	122618	33.65	ng		91
62) Azobenzene	10.45	77	451818	34.02	ng		91
64) 4,6-Dinitro-2-methylphenol	10.35	198	5704	3.06	ng		88
65) n-Nitrosodiphenylamine	10.41	169	393186	41.51	ng		97
66) 4-Bromophenyl-phenylether	10.78	248	111397	42.39	ng		96
67) Hexachlorobenzene	10.85	284	111781	38.86	ng	#	93
68) Atrazine	10.94	200	109463	40.45	ng		96
69) Pentachlorophenol	11.04	266	83567	49.01	ng		98
70) Phenanthrene	11.26	178	748354	51.28	ng		99
71) Anthracene	11.31	178	625851	42.08	ng		99
72) Carbazole	11.46	167	560212	37.46	ng		98
73) Di-n-butylphthalate	11.80	149	721361	39.82	ng	#	98
74) Fluoranthene	12.45	202	780042	54.52	ng		98
76) Benzidine	12.56	184	196372	22.60	ng	#	92
77) Pyrene	12.67	202	793435	54.58	ng		99
79) Butylbenzylphthalate	13.29	149	270450	36.75	ng	#	80
80) Benzo(a)anthracene	13.86	228	550450	52.48	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	145829	33.85	ng	#	98
82) Chrysene	13.89	228	525450	47.84	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	316226	38.49	ng	#	100
84) Di-n-octyl phthalate	14.47	149	608382	37.61	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.64	276	356394	41.11	ng		99
87) Benzo(b)fluoranthene	14.88	252	533910	50.16	ng		97
88) Benzo(k)fluoranthene	14.90	252	387465	40.69	ng		96
89) Benzo(a)pyrene	15.22	252	461897	48.60	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	256553	34.32	ng		98
91) Benzo(g,h,i)perylene	17.05	276	298058	38.47	ng		98

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

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