Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093513.D
Acq On : 10 Mar 2017 9:34
Operator : SJ/MA
Sample : I2132-06MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-07MSD

Quant Time: Mar 10 12:12:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	188818m	20.00	ng		-0.02
21) Naphthalene-d8	8.04	136	745206	20.00	ng		-0.02
38) Acenaphthene-d10	9.78	164	346755	20.00	ng		-0.02
63) Phenanthrene-d10	11.27	188	599243	20.00	ng		-0.01
75) Chrysene-d12	13.91	240	404183	20.00	ng		-0.01
86) Perylene-d12	15.32	264	368282	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	653335	57.59	ng		0.01
7) Phenol-d6	6.41	99	318077m	22.23	ng		0.00
23) Nitrobenzene-d5	7.33	82	1205930	89.79	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	91756	40.61	ng		-0.01
44) 2-Fluorobiphenyl	9.11	172	1614931	86.63	ng		-0.02
78) Terphenyl-d14	12.85	244	1341729	86.31	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	97939	15.67	ng	#	81
3) Pyridine	3.01	79	244141	15.32	ng	#	81
4) n-Nitrosodimethylamine	2.96	42	121864	16.01	ng		84
6) Aniline	6.41	93	578519m	29.46	ng		
8) 2-Chlorophenol	6.54	128	405965	31.94	ng		86
10) Phenol	6.44	94	158621	9.05	ng		99
11) bis(2-Chloroethyl)ether	6.49	93	548465	38.71	ng		99
12) 1,3-Dichlorobenzene	6.69	146	509098m	34.99	ng		
13) 1,4-Dichlorobenzene	6.77	146	529258m	35.53	ng		
14) 1,2-Dichlorobenzene	6.92	146	482707	36.59	ng		96
15) Benzyl Alcohol	6.92	79	290349	28.47	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.03	45	948684	40.30	ng		99
17) 2-Methylphenol	7.04	107	179215m	16.67	ng		
18) Hexachloroethane	7.26	117	140926	28.05	ng	#	89
19) n-Nitroso-di-n-propylamine	7.18	70	432464	43.97	ng		94
20) 3+4-Methylphenols	7.20	107	206481m	14.81	ng		
22) Acetophenone	7.17	105	728961	40.65	ng	#	99
24) Nitrobenzene	7.35	77	650401	43.09	ng	#	89
25) Isophorone	7.58	82	1107379	40.89	ng		94
26) 2-Nitrophenol	7.67	139	56263	8.17	ng		93
27) 2,4-Dimethylphenol	7.72	122	242532	21.65	ng		92
28) bis(2-Chloroethoxy)methane	7.80	93	755683	44.20	ng		99
29) 2,4-Dichlorophenol	7.91	162	353700	33.56	ng		84
30) 1,2,4-Trichlorobenzene	7.98	180	419667	37.44	ng		94
31) Naphthalene	8.06	128	1455570	38.98	ng		99
33) 4-Chloroaniline	8.12	127	584357	38.56	ng	#	92
34) Hexachlorobutadiene	8.17	225	213659	37.01	ng		100
35) Caprolactam	8.48	113	21121	5.87	ng	#	30
36) 4-Chloro-3-methylphenol	8.62	107	277942	24.71	ng		95
37) 2-Methylnaphthalene	8.74	142	905391	38.10	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	418863	44.24	ng		98
42) 2,4,6-Trichlorophenol	9.04	196	130193	22.01	ng		91
43) 2,4,5-Trichlorophenol	9.09	196	145581	22.93	ng	#	87
45) 1,1'-Biphenyl	9.21	154	1188511	47.05	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
46) 2-Chloronaphthalene	9.24	162	876106	45.31 ng		95
47) 2-Nitroaniline	9.35	65	389834	57.03 ng		97
48) Acenaphthylene	9.65	152	1341741	42.08 ng		99
49) Dimethylphthalate	9.52	163	962485	41.87 ng		99
50) 2,6-Dinitrotoluene	9.59	165	241867	47.95 ng	#	84
51) Acenaphthene	9.82	154	802880	42.58 ng		96
52) 3-Nitroaniline	9.76	138	258823	42.71 ng		98
54) Dibenzofuran	9.99	168	1188466	50.35 ng		99
56) 2,4-Dinitrotoluene	10.00	165	61184	9.87 ng	#	66
57) Fluorene	10.33	166	847975	42.40 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	53490	11.94 ng	#	74
59) Diethylphthalate	10.21	149	946184	43.07 ng		100
60) 4-Chlorophenyl-phenylether	10.32	204	410429	45.78 ng		97
61) 4-Nitroaniline	10.38	138	295759	47.72 ng		95
62) Azobenzene	10.48	77	1239065	49.63 ng		93
65) n-Nitrosodiphenylamine	10.45	169	786780	39.32 ng		99
66) 4-Bromophenyl-phenylether	10.81	248	249254	39.33 ng		99
67) Hexachlorobenzene	10.88	284	237410	39.24 ng	#	76
68) Atrazine	10.98	200	302613	51.67 ng		96
70) Phenanthrene	11.29	178	1271242	37.17 ng		100
71) Anthracene	11.35	178	1465911	42.37 ng		99
72) Carbazole	11.51	167	1200247	36.93 ng		99
73) Di-n-butylphthalate	11.83	149	1465741	38.98 ng		98
74) Fluoranthene	12.48	202	1165722	35.28 ng		99
76) Benzidine	12.62	184	2046675	153.99 ng		96
77) Pyrene	12.71	202	1155371	39.30 ng		99
79) Butylbenzylphthalate	13.33	149	524591	42.39 ng		87
80) Benzo(a)anthracene	13.90	228	898847	37.66 ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	363003	43.42 ng	#	95
82) Chrysene	13.93	228	835150	37.82 ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	761445	44.15 ng	#	99
84) Di-n-octyl phthalate	14.49	149	1180906	41.08 ng		96
85) Indeno(1,2,3-cd)pyrene	16.69	276	906873	49.06 ng	#	94
87) Benzo(b)fluoranthene	14.93	252	1018300m	45.40 ng		
88) Benzo(k)fluoranthene	14.95	252	729477m	33.72 ng		
89) Benzo(a)pyrene	15.26	252	867716	42.33 ng	#	96
90) Dibenzo(a,h)anthracene	16.69	278	768980	45.34 ng		97
91) Benzo(g,h,i)perylene	17.09	276	770609	44.27 ng	#	89

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

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