Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070916\
Data File : BF088882.D
Acq On : 9 Jul 2016 20:32
Operator : UM/SJ
Sample : H3813-15MSD 25X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-01MSD

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7/11/2016 8:07:35 PM

Quant Time: Jul 11 15:47:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	74213	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	284461	20.00	ng		-0.01
38) Acenaphthene-d10	9.75	164	129528	20.00	ng		-0.02
63) Phenanthrene-d10	11.23	188	250898	20.00	ng		-0.01
75) Chrysene-d12	13.85	240	134784	20.00	ng		-0.02
86) Perylene-d12	15.23	264	131890	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	13932	2.81	ng		-0.02
7) Phenol-d6	6.34	99	18293	2.86	ng		-0.03
23) Nitrobenzene-d5	7.28	82	11840	2.18	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	4451	3.70	ng		-0.02
44) 2-Fluorobiphenyl	9.08	172	22517	2.75	ng		-0.01
78) Terphenyl-d14	12.81	244	17013	2.81	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	1549	0.63	ng	#	71
3) Pyridine	2.96	79	1709	0.24	ng	#	71
4) n-Nitrosodimethylamine	2.84	42	518	0.19	ng	#	94
6) Aniline	6.38	93	516	0.06	ng	#	78
8) 2-Chlorophenol	6.50	128	2830	0.53	ng		85
9) Benzaldehyde	6.26	77	1689	0.39	ng		95
10) Phenol	6.36	94	3427	0.47	ng		94
11) bis(2-Chloroethyl)ether	6.44	93	2531	0.46	ng		96
12) 1,3-Dichlorobenzene	6.66	146	2812m	0.48	ng		
13) 1,4-Dichlorobenzene	6.73	146	3028m	0.52	ng		
14) 1,2-Dichlorobenzene	6.89	146	3026	0.56	ng		94
15) Benzyl Alcohol	6.86	79	2406	0.51	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	7.00	45	3260	0.41	ng		91
17) 2-Methylphenol	6.98	107	2142	0.49	ng		90
18) Hexachloroethane	7.23	117	1049	0.47	ng	#	85
19) n-Nitroso-di-n-propylamine	7.13	70	2161	0.50	ng	#	88
20) 3+4-Methylphenols	7.13	107	2769	0.53	ng	#	72
22) Acetophenone	7.13	105	3960	0.57	ng	#	89
24) Nitrobenzene	7.30	77	2734	0.50	ng	#	93
25) Isophorone	7.54	82	5250	0.52	ng	#	98
26) 2-Nitrophenol	7.62	139	941	0.42	ng	#	85
27) 2,4-Dimethylphenol	7.67	122	2033	0.43	ng		92
28) bis(2-Chloroethoxy)methane	7.76	93	3877	0.59	ng	#	94
29) 2,4-Dichlorophenol	7.86	162	1837	0.49	ng		86
30) 1,2,4-Trichlorobenzene	7.95	180	2354	0.57	ng		94
31) Naphthalene	8.02	128	8587	0.61	ng		98
33) 4-Chloroaniline	8.08	127	607	0.10	ng	#	46
34) Hexachlorobutadiene	8.15	225	1238	0.56	ng		87
35) Caprolactam	8.39	113	623	0.49	ng	#	52
36) 4-Chloro-3-methylphenol	8.56	107	2595	0.58	ng		94
37) 2-Methylnaphthalene	8.72	142	5795	0.64	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	2201	0.51	ng	#	1
42) 2,4,6-Trichlorophenol	8.99	196	1457	0.51	ng		94
43) 2,4,5-Trichlorophenol	9.04	196	1243	0.51	ng	#	81

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.18	154	6508	0.61	ng		99
46) 2-Chloronaphthalene	9.20	162	5635	0.67	ng		98
47) 2-Nitroaniline	9.29	65	1642	0.55	ng	#	70
48) Acenaphthylene	9.61	152	8253	0.62	ng		97
49) Dimethylphthalate	9.47	163	7560	0.82	ng		99
50) 2,6-Dinitrotoluene	9.54	165	1136	0.56	ng	#	37
51) Acenaphthene	9.78	154	5339	0.65	ng		96
52) 3-Nitroaniline	9.70	138	675	0.26	ng	#	93
54) Dibenzofuran	9.95	168	7754	0.72	ng	#	88
55) 4-Nitrophenol	9.87	139	1929	0.98	ng	#	81
56) 2,4-Dinitrotoluene	9.94	165	1378	0.52	ng	#	90
57) Fluorene	10.30	166	6206	0.75	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.08	232	766	0.41	ng	#	9
59) Diethylphthalate	10.17	149	6210	0.67	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	2821	0.73	ng		91
61) 4-Nitroaniline	10.31	138	920	0.37	ng	#	75
62) Azobenzene	10.44	77	6686	0.63	ng		90
65) n-Nitrosodiphenylamine	10.41	169	5152	0.61	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	1430	0.57	ng	#	55
67) Hexachlorobenzene	10.84	284	1670	0.60	ng	#	86
68) Atrazine	10.94	200	1377	0.52	ng		92
69) Pentachlorophenol	11.04	266	1333	0.80	ng		97
70) Phenanthrene	11.26	178	7929	0.58	ng		96
71) Anthracene	11.30	178	8641	0.63	ng		97
72) Carbazole	11.46	167	7096	0.55	ng		98
73) Di-n-butylphthalate	11.80	149	10751	0.72	ng		99
74) Fluoranthene	12.43	202	7194	0.52	ng		95
77) Pyrene	12.66	202	6990	0.61	ng		94
79) Butylbenzylphthalate	13.29	149	2960	0.58	ng	#	67
80) Benzo(a)anthracene	13.84	228	5251	0.61	ng	#	90
81) 3,3'-Dichlorobenzidine	13.82	252	254	0.08	ng	#	1
82) Chrysene	13.87	228	4431	0.52	ng	#	89
83) Bis(2-ethylhexyl)phthalate	13.86	149	6111	1.05	ng	#	87
84) Di-n-octyl phthalate	14.47	149	6613	0.67	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.54	276	6301	0.95	ng	#	100
87) Benzo(b)fluoranthene	14.85	252	4838m	0.58	ng		
88) Benzo(k)fluoranthene	14.88	252	5789m	0.80	ng		
89) Benzo(a)pyrene	15.18	252	4922	0.70	ng	#	1
90) Dibenzo(a,h)anthracene	16.55	278	6630	1.13	ng	#	1
91) Benzo(g,h,i)perylene	16.91	276	7050	1.16	ng	#	37

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

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