Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087944.D
Acq On : 12 Jun 2016 12:41
Operator : UM/SJ
Sample : H3425-07MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-LF2MW2MSD

Manual Integrations APPROVED
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6/13/2016 7:45:20 PM

Quant Time: Jun 13 02:30:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 02:17:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120971	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	499151	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	250892	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	451667	20.00	ng		0.00
75) Chrysene-d12	13.97	240	328211	20.00	ng		0.00
86) Perylene-d12	15.37	264	259517	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	433528	61.27	ng		0.00
7) Phenol-d6	6.43	99	362408	42.26	ng		-0.01
23) Nitrobenzene-d5	7.37	82	743164	86.94	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	262659	99.15	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1317446	82.32	ng		0.00
78) Terphenyl-d14	12.91	244	982643	68.13	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	52402	15.24	ng	#	33
3) Pyridine	3.16	79	29082	3.58	ng	#	92
4) n-Nitrosodimethylamine	3.04	42	65279	18.99	ng		83
6) Aniline	6.46	93	148386	12.16	ng	#	73
8) 2-Chlorophenol	6.58	128	294666	35.18	ng		99
9) Benzaldehyde	6.34	77	33202	4.89	ng		95
10) Phenol	6.44	94	141756	14.31	ng		87
11) bis(2-Chloroethyl)ether	6.54	93	317339	42.20	ng		94
12) 1,3-Dichlorobenzene	6.74	146	357253	39.75	ng		96
13) 1,4-Dichlorobenzene	6.82	146	371244	41.01	ng		97
14) 1,2-Dichlorobenzene	6.97	146	304399m	36.97	ng		
15) Benzyl Alcohol	6.95	79	195164	29.09	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	453652	44.65	ng		93
17) 2-Methylphenol	7.07	107	228980	33.71	ng		97
18) Hexachloroethane	7.31	117	123424	38.42	ng	#	84
19) n-Nitroso-di-n-propylamine	7.23	70	280764	51.18	ng	#	83
20) 3+4-Methylphenols	7.22	107	215467	27.19	ng	#	72
22) Acetophenone	7.22	105	507092	45.46	ng	#	94
24) Nitrobenzene	7.39	77	416587	50.31	ng		93
25) Isophorone	7.63	82	720488	45.50	ng		100
26) 2-Nitrophenol	7.71	139	218199	49.19	ng	#	71
27) 2,4-Dimethylphenol	7.75	122	334175	40.92	ng		94
28) bis(2-Chloroethoxy)methane	7.85	93	485358	49.42	ng		98
29) 2,4-Dichlorophenol	7.95	162	320380	46.99	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	301893	40.66	ng		99
31) Naphthalene	8.11	128	1016032	41.13	ng		100
32) Benzoic acid	7.84	122	74165	16.49	ng		94
33) 4-Chloroaniline	8.16	127	219394	19.89	ng		99
34) Hexachlorobutadiene	8.24	225	155103	39.61	ng		99
35) Caprolactam	8.55	113	16230	7.19	ng	#	83
36) 4-Chloro-3-methylphenol	8.65	107	323823	44.41	ng		88
37) 2-Methylnaphthalene	8.81	142	745627	45.80	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	272525	40.29	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	238691	58.98	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	229653	45.77	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	208491	39.94	ng		95
45) 1,1'-Biphenyl	9.27	154	854197	45.42	ng		100
46) 2-Chloronaphthalene	9.29	162	699140	43.06	ng		99
47) 2-Nitroaniline	9.39	65	222632	46.48	ng	#	85
48) Acenaphthylene	9.71	152	1114659	43.16	ng		99
49) Dimethylphthalate	9.59	163	870647	47.91	ng		99
50) 2,6-Dinitrotoluene	9.63	165	190276	45.72	ng	#	61
51) Acenaphthene	9.88	154	762699	47.34	ng		99
52) 3-Nitroaniline	9.80	138	159570	33.22	ng		92
53) 2,4-Dinitrophenol	9.91	184	174639	77.25	ng		96
54) Dibenzofuran	10.06	168	1006952	45.39	ng		94
55) 4-Nitrophenol	9.96	139	107201	28.76	ng		89
56) 2,4-Dinitrotoluene	10.04	165	277632	51.90	ng		97
57) Fluorene	10.40	166	746399	50.36	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	185277	45.17	ng	#	52
59) Diethylphthalate	10.27	149	782688	42.55	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	274632	37.22	ng		96
61) 4-Nitroaniline	10.42	138	201267	44.18	ng		98
62) Azobenzene	10.55	77	782209	43.00	ng		99
64) 4,6-Dinitro-2-methylphenol	10.44	198	115210	41.18	ng		97
65) n-Nitrosodiphenylamine	10.51	169	716137	47.78	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	219070	45.21	ng		95
67) Hexachlorobenzene	10.94	284	215673	42.84	ng		95
68) Atrazine	11.04	200	102348	22.55	ng		97
69) Pentachlorophenol	11.14	266	246390	92.84	ng		98
70) Phenanthrene	11.36	178	1090990	46.03	ng		99
71) Anthracene	11.40	178	1002682	41.94	ng		100
72) Carbazole	11.56	167	1131704	50.59	ng		99
73) Di-n-butylphthalate	11.90	149	1146872	40.50	ng		100
74) Fluoranthene	12.54	202	966816	38.65	ng		98
76) Benzidine	12.66	184	109995	12.10	ng		98
77) Pyrene	12.77	202	1016223	41.72	ng		100
79) Butylbenzylphthalate	13.39	149	550024	51.08	ng		99
80) Benzo(a)anthracene	13.95	228	730485	39.06	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	195815	38.93	ng	#	99
82) Chrysene	13.99	228	752845	42.78	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	572204	43.65	ng	#	98
84) Di-n-octyl phthalate	14.56	149	1047446	49.18	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.74	276	740266	45.28	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	947249m	52.37	ng		
88) Benzo(k)fluoranthene	15.01	252	489512m	35.88	ng		
89) Benzo(a)pyrene	15.31	252	678596	46.37	ng		100
90) Dibenzo(a,h)anthracene	16.77	278	607626	44.70	ng		98
91) Benzo(g,h,i)perylene	17.15	276	600642	42.96	ng		99

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

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