Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086551.D
Acq On : 1 May 2016 5:14
Operator : UM/SJ
Sample : H2737-03MS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HW-7-4-26-16MS

Manual Integrations APPROVED
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5/2/2016 7:57:40 PM

Quant Time: May 02 03:32:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	135284	20.00	ng		-0.05
21) Naphthalene-d8	8.05	136	595844	20.00	ng		-0.05
38) Acenaphthene-d10	9.80	164	277970	20.00	ng		-0.05
63) Phenanthrene-d10	11.29	188	543827	20.00	ng		-0.03
75) Chrysene-d12	13.92	240	351725	20.00	ng		-0.05
86) Perylene-d12	15.31	264	313571	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	525648	67.02	ng		-0.03
7) Phenol-d6	6.41	99	476954	43.57	ng		-0.03
23) Nitrobenzene-d5	7.33	82	977650	88.44	ng		-0.05
41) 2,4,6-Tribromophenol	10.60	330	431743	147.28	ng		-0.03
44) 2-Fluorobiphenyl	9.14	172	1671884	112.34	ng		-0.03
78) Terphenyl-d14	12.87	244	1484727	93.00	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	67483	16.38	ng	#	76
3) Pyridine	3.07	79	94199m	9.66	ng		
4) n-Nitrosodimethylamine	2.97	42	107449	19.33	ng	#	59
6) Aniline	6.43	93	170061	12.84	ng		96
8) 2-Chlorophenol	6.54	128	345685	35.39	ng	#	77
9) Benzaldehyde	6.30	77	28009	4.40	ng		94
10) Phenol	6.42	94	173006	14.17	ng		82
11) bis(2-Chloroethyl)ether	6.50	93	441344	41.80	ng	#	83
12) 1,3-Dichlorobenzene	6.70	146	394371m	37.53	ng		
13) 1,4-Dichlorobenzene	6.78	146	423375	39.05	ng		97
14) 1,2-Dichlorobenzene	6.93	146	367565	36.97	ng		96
15) Benzyl Alcohol	6.91	79	231570	33.44	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.05	45	921070	43.58	ng		89
17) 2-Methylphenol	7.04	107	253458	32.10	ng	#	94
18) Hexachloroethane	7.28	117	143829	35.50	ng		97
19) n-Nitroso-di-n-propylamine	7.18	70	344628	47.63	ng	#	68
20) 3+4-Methylphenols	7.18	107	248507	27.57	ng	#	67
22) Acetophenone	7.18	105	632388	48.40	ng	#	97
24) Nitrobenzene	7.36	77	539753	47.47	ng		97
25) Isophorone	7.60	82	951462	44.72	ng		98
26) 2-Nitrophenol	7.68	139	228542	43.65	ng		94
27) 2,4-Dimethylphenol	7.72	122	374883	40.81	ng		97
28) bis(2-Chloroethoxy)methane	7.81	93	580507	50.09	ng		99
29) 2,4-Dichlorophenol	7.92	162	346022	44.64	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	356737	39.67	ng		97
31) Naphthalene	8.08	128	1256023	41.43	ng		99
32) Benzoic acid	7.80	122	64751	18.29	ng		90
33) 4-Chloroaniline	8.13	127	111840	9.85	ng		98
34) Hexachlorobutadiene	8.19	225	179436	35.60	ng		97
35) Caprolactam	8.51	113	19126	7.40	ng	#	79
36) 4-Chloro-3-methylphenol	8.61	107	372059	41.92	ng		98
37) 2-Methylnaphthalene	8.76	142	811439	45.36	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	331760	41.70	ng		97
40) Hexachlorocyclopentadiene	8.92	237	287922	72.82	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	244137	48.54	ng		95
43) 2,4,5-Trichlorophenol	9.09	196	242263	44.19	ng	#	91
45) 1,1'-Biphenyl	9.23	154	977236	42.06	ng		96
46) 2-Chloronaphthalene	9.25	162	756408	42.82	ng		94
47) 2-Nitroaniline	9.36	65	312520	55.17	ng		93
48) Acenaphthylene	9.66	152	1183743	42.87	ng		99
49) Dimethylphthalate	9.54	163	969471	46.33	ng		99
50) 2,6-Dinitrotoluene	9.60	165	202044	46.74	ng	#	80
51) Acenaphthene	9.84	154	854308	48.17	ng		99
52) 3-Nitroaniline	9.77	138	91387	18.59	ng		97
53) 2,4-Dinitrophenol	9.87	184	194560	82.08	ng	#	74
54) Dibenzofuran	10.02	168	1096203	49.45	ng		94
55) 4-Nitrophenol	9.94	139	92939	28.87	ng		82
56) 2,4-Dinitrotoluene	10.00	165	272963	49.53	ng	#	85
57) Fluorene	10.35	166	786359	40.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	226642	52.88	ng		97
59) Diethylphthalate	10.24	149	934528	47.18	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	395757	45.29	ng		87
61) 4-Nitroaniline	10.38	138	203072	42.25	ng		87
62) Azobenzene	10.51	77	1124328	51.82	ng		90
64) 4,6-Dinitro-2-methylphenol	10.41	198	149013	46.67	ng	#	67
65) n-Nitrosodiphenylamine	10.48	169	755617	44.46	ng		99
66) 4-Bromophenyl-phenylether	10.84	248	246462	43.98	ng	#	76
67) Hexachlorobenzene	10.90	284	273969	42.24	ng	#	80
68) Atrazine	11.00	200	196522	38.50	ng		96
69) Pentachlorophenol	11.09	266	281232	82.24	ng		98
70) Phenanthrene	11.31	178	1201131	42.09	ng		99
71) Anthracene	11.37	178	1415000	46.46	ng		99
72) Carbazole	11.52	167	1178200	43.65	ng		99
73) Di-n-butylphthalate	11.86	149	1466238	47.95	ng		100
74) Fluoranthene	12.50	202	1328888	46.13	ng		90
77) Pyrene	12.72	202	1240374	48.94	ng		100
79) Butylbenzylphthalate	13.35	149	544601	49.62	ng	#	77
80) Benzo(a)anthracene	13.91	228	911281	48.60	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	79352	6.33	ng	#	97
82) Chrysene	13.94	228	828091	40.63	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	592136	43.46	ng		97
84) Di-n-octyl phthalate	14.51	149	946958	44.38	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.65	276	968635	64.13	ng		97
87) Benzo(b)fluoranthene	14.92	252	948458m	51.42	ng		
88) Benzo(k)fluoranthene	14.95	252	697461m	36.25	ng		
89) Benzo(a)pyrene	15.25	252	787198	45.20	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	810663	56.88	ng		99
91) Benzo(g,h,i)perylene	17.05	276	829021	58.04	ng		95

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

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