Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084759.D
Acq On : 2 Feb 2016 21:27
Operator : SJ/IZ
Sample : H1314-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IMPACT-PS-001MSD

Manual Integrations APPROVED
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2/3/2016 6:25:38 PM

Quant Time: Feb 03 02:44:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	175590	20.00	ng		-0.03
21) Naphthalene-d8	7.98	136	697721	20.00	ng		-0.03
38) Acenaphthene-d10	9.74	164	348225	20.00	ng		-0.02
63) Phenanthrene-d10	11.22	188	625758	20.00	ng		-0.02
75) Chrysene-d12	13.85	240	416645	20.00	ng		-0.02
86) Perylene-d12	15.23	264	357828	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1493016	132.44	ng		-0.01
7) Phenol-d6	6.36	99	1892779	135.44	ng		-0.01
23) Nitrobenzene-d5	7.28	82	1227911	99.14	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	479280	131.95	ng		-0.02
44) 2-Fluorobiphenyl	9.07	172	1930337	98.67	ng		-0.02
78) Terphenyl-d14	12.81	244	1893615	102.99	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	183152	37.09	ng	#	75
3) Pyridine	2.92	79	505430	39.29	ng	#	76
4) n-Nitrosodimethylamine	2.89	42	300210	45.12	ng		82
6) Aniline	6.36	93	499279	29.20	ng	#	60
8) 2-Chlorophenol	6.49	128	561181	43.98	ng		92
9) Benzaldehyde	6.24	77	215727	26.14	ng		92
10) Phenol	6.37	94	777129	49.64	ng		95
11) bis(2-Chloroethyl)ether	6.44	93	515613m	42.23	ng		
12) 1,3-Dichlorobenzene	6.64	146	543885	40.34	ng	#	93
13) 1,4-Dichlorobenzene	6.72	146	575554	42.71	ng		96
14) 1,2-Dichlorobenzene	6.88	146	514678	41.00	ng		94
15) Benzyl Alcohol	6.85	79	440642	45.66	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.99	45	840321	40.92	ng		88
17) 2-Methylphenol	6.98	107	469670	46.54	ng	#	91
18) Hexachloroethane	7.21	117	216162	41.65	ng		93
19) n-Nitroso-di-n-propylamine	7.13	70	381758	43.58	ng	#	75
20) 3+4-Methylphenols	7.13	107	578840	46.21	ng	#	69
22) Acetophenone	7.12	105	803723	43.71	ng		99
24) Nitrobenzene	7.29	77	532613	40.16	ng		96
25) Isophorone	7.54	82	1090002	45.26	ng		97
26) 2-Nitrophenol	7.61	139	310339	47.44	ng	#	87
27) 2,4-Dimethylphenol	7.66	122	492729	43.30	ng		89
28) bis(2-Chloroethoxy)methane	7.74	93	658119	46.06	ng		100
29) 2,4-Dichlorophenol	7.86	162	485952	49.92	ng		95
30) 1,2,4-Trichlorobenzene	7.93	180	479692	43.62	ng		97
31) Naphthalene	8.01	128	1494397	42.70	ng		99
32) Benzoic acid	7.77	122	106926	14.69	ng		95
33) 4-Chloroaniline	8.06	127	303559	20.97	ng		96
34) Hexachlorobutadiene	8.13	225	283073	44.65	ng		98
35) Caprolactam	8.45	113	154976m	51.65	ng		
36) 4-Chloro-3-methylphenol	8.57	107	552387	49.74	ng		98
37) 2-Methylnaphthalene	8.70	142	1147773	52.40	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	419046	37.89	ng		97
40) Hexachlorocyclopentadiene	8.85	237	425281	84.96	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	323430	45.39	ng		94
43) 2,4,5-Trichlorophenol	9.04	196	330415	45.64	ng		95
45) 1,1'-Biphenyl	9.17	154	1284194	41.29	ng		94
46) 2-Chloronaphthalene	9.18	162	949227	41.44	ng		97
47) 2-Nitroaniline	9.29	65	302718	41.74	ng		98
48) Acenaphthylene	9.61	152	1528454	43.97	ng		99
49) Dimethylphthalate	9.48	163	1379053	52.00	ng	#	91
50) 2,6-Dinitrotoluene	9.54	165	269748	46.56	ng	#	70
51) Acenaphthene	9.78	154	986813	43.64	ng		97
52) 3-Nitroaniline	9.70	138	165902	25.48	ng		99
53) 2,4-Dinitrophenol	9.81	184	220206	82.18	ng	#	83
54) Dibenzofuran	9.95	168	1378961	49.89	ng		97
55) 4-Nitrophenol	9.89	139	408860	85.45	ng		85
56) 2,4-Dinitrotoluene	9.94	165	295711	40.01	ng	#	75
57) Fluorene	10.29	166	1039148	45.02	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	249322	45.24	ng		92
59) Diethylphthalate	10.18	149	1199901	46.33	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	436130	44.97	ng		93
61) 4-Nitroaniline	10.32	138	270345	42.61	ng		93
62) Azobenzene	10.44	77	1180195	47.39	ng		90
64) 4,6-Dinitro-2-methylphenol	10.35	198	201755	52.24	ng		97
65) n-Nitrosodiphenylamine	10.41	169	947369	47.68	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	329924	47.74	ng		95
67) Hexachlorobenzene	10.83	284	308069	40.91	ng	#	83
68) Atrazine	10.94	200	308279	49.13	ng		90
69) Pentachlorophenol	11.04	266	344036	97.21	ng		98
70) Phenanthrene	11.24	178	1401438	40.38	ng		97
71) Anthracene	11.30	178	1668007	47.70	ng		99
72) Carbazole	11.46	167	1504150	49.32	ng		98
73) Di-n-butylphthalate	11.79	149	1604651	41.33	ng	#	96
74) Fluoranthene	12.43	202	1660277	47.26	ng		94
76) Benzidine	12.56	184	556363	37.79	ng		98
77) Pyrene	12.66	202	1644680	51.56	ng		100
79) Butylbenzylphthalate	13.29	149	744986	51.48	ng	#	88
80) Benzo(a)anthracene	13.84	228	1177844	45.55	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	196295	21.44	ng	#	94
82) Chrysene	13.88	228	1151640	45.93	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	872662	48.46	ng	#	97
84) Di-n-octyl phthalate	14.45	149	1302960	43.85	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.53	276	987107	50.01	ng		99
87) Benzo(b)fluoranthene	14.84	252	1233286m	51.30	ng		
88) Benzo(k)fluoranthene	14.88	252	727607m	36.60	ng		
89) Benzo(a)pyrene	15.17	252	912571	44.55	ng		98
90) Dibenzo(a,h)anthracene	16.55	278	814926	47.26	ng	#	93
91) Benzo(g,h,i)perylene	16.92	276	852564	49.08	ng		96

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

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