Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085380.D
Acq On : 11 Mar 2016 19:03
Operator : UM/SJ
Sample : H1753-20MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-COMP2MSD

Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:20 AM

Quant Time: Mar 14 04:51:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	145973	20.00	ng		-0.05
21) Naphthalene-d8	8.22	136	553254	20.00	ng		-0.05
38) Acenaphthene-d10	9.98	164	245076	20.00	ng		-0.05
63) Phenanthrene-d10	11.47	188	407246	20.00	ng		-0.05
75) Chrysene-d12	14.11	240	246291	20.00	ng		-0.05
86) Perylene-d12	15.57	264	262651	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1076466	123.70	ng		-0.05
7) Phenol-d6	6.56	99	1443222	126.58	ng		-0.05
23) Nitrobenzene-d5	7.50	82	898396	86.89	ng		-0.05
41) 2,4,6-Tribromophenol	10.77	330	280054	133.55	ng		-0.05
44) 2-Fluorobiphenyl	9.30	172	1408822	87.42	ng		-0.05
78) Terphenyl-d14	13.05	244	975848	91.98	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	128527	28.88	ng		99
3) Pyridine	3.36	79	392797	35.27	ng		97
4) n-Nitrosodimethylamine	3.30	42	189779	39.81	ng		98
6) Aniline	6.60	93	577145	36.12	ng		97
8) 2-Chlorophenol	6.72	128	463604	44.25	ng		93
9) Benzaldehyde	6.48	77	110946	17.34	ng		94
10) Phenol	6.58	94	502254m	41.13	ng		
11) bis(2-Chloroethyl)ether	6.68	93	436321m	43.02	ng		
12) 1,3-Dichlorobenzene	6.88	146	434672m	38.64	ng		
13) 1,4-Dichlorobenzene	6.95	146	436298	38.70	ng		98
14) 1,2-Dichlorobenzene	7.11	146	457161	44.70	ng		97
15) Benzyl Alcohol	7.08	79	366024	43.73	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.21	45	508346	34.77	ng		99
17) 2-Methylphenol	7.19	107	378599	44.29	ng		98
18) Hexachloroethane	7.45	117	171899	41.33	ng		98
19) n-Nitroso-di-n-propylamine	7.35	70	272538	36.68	ng	#	91
20) 3+4-Methylphenols	7.34	107	420490	41.53	ng		97
22) Acetophenone	7.35	105	582488	43.13	ng	#	97
24) Nitrobenzene	7.52	77	490320	46.68	ng		97
25) Isophorone	7.76	82	850541	44.39	ng		97
26) 2-Nitrophenol	7.84	139	242253	47.40	ng		95
27) 2,4-Dimethylphenol	7.88	122	443573	47.49	ng		96
28) bis(2-Chloroethoxy)methane	7.97	93	476464	44.65	ng		98
29) 2,4-Dichlorophenol	8.08	162	360173	47.81	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	349641	42.93	ng		100
31) Naphthalene	8.24	128	1193415	43.87	ng		99
33) 4-Chloroaniline	8.29	127	362352	32.93	ng		100
34) Hexachlorobutadiene	8.37	225	194198	45.82	ng		98
35) Caprolactam	8.65	113	106567m	43.32	ng		
36) 4-Chloro-3-methylphenol	8.78	107	378380	44.28	ng	#	84
37) 2-Methylnaphthalene	8.94	142	829359	47.51	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	312664	44.61	ng		98
40) Hexachlorocyclopentadiene	9.10	237	260905	69.02	ng		96
42) 2,4,6-Trichlorophenol	9.21	196	231906	44.45	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.26	196	248897	50.31	ng	#	92
45) 1,1'-Biphenyl	9.41	154	933919	44.60	ng		92
46) 2-Chloronaphthalene	9.43	162	728299	45.63	ng		97
47) 2-Nitroaniline	9.52	65	240932	48.72	ng	#	83
48) Acenaphthylene	9.84	152	1050230	42.28	ng		99
49) Dimethylphthalate	9.70	163	999889	53.15	ng		99
50) 2,6-Dinitrotoluene	9.76	165	162073	40.28	ng	#	80
51) Acenaphthene	10.01	154	623600	41.35	ng		99
52) 3-Nitroaniline	9.93	138	205404	42.66	ng		94
53) 2,4-Dinitrophenol	10.04	184	14030	14.21	ng	#	49
54) Dibenzofuran	10.18	168	913085	46.21	ng		98
55) 4-Nitrophenol	10.09	139	319968	84.57	ng		92
56) 2,4-Dinitrotoluene	10.16	165	217796	42.29	ng	#	76
57) Fluorene	10.53	166	670404	43.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	163808	47.14	ng		99
59) Diethylphthalate	10.40	149	800977	43.88	ng		97
60) 4-Chlorophenyl-phenylether	10.52	204	323688	42.86	ng	#	87
61) 4-Nitroaniline	10.55	138	195013	43.31	ng		83
62) Azobenzene	10.68	77	823664	45.80	ng		94
64) 4,6-Dinitro-2-methylphenol	10.57	198	74316	30.48	ng	#	68
65) n-Nitrosodiphenylamine	10.64	169	662143	52.27	ng		98
66) 4-Bromophenyl-phenylether	11.01	248	184336	46.62	ng	#	79
67) Hexachlorobenzene	11.08	284	180417	42.77	ng	#	75
68) Atrazine	11.17	200	210501	59.76	ng		97
69) Pentachlorophenol	11.27	266	192702	82.29	ng		98
70) Phenanthrene	11.49	178	1220672	57.19	ng		99
71) Anthracene	11.55	178	1093108	48.25	ng		100
72) Carbazole	11.69	167	843448	42.45	ng		98
73) Di-n-butylphthalate	12.03	149	1075458	42.82	ng		99
74) Fluoranthene	12.68	202	1021104	47.67	ng		96
76) Benzidine	12.80	184	556956	75.98	ng		99
77) Pyrene	12.91	202	1008223	54.39	ng		99
79) Butylbenzylphthalate	13.52	149	363180	43.18	ng		96
80) Benzo(a)anthracene	14.09	228	696647	47.25	ng		100
81) 3,3'-Dichlorobenzidine	14.06	252	178951	38.47	ng	#	97
82) Chrysene	14.14	228	637750	46.82	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	480629	43.42	ng		98
84) Di-n-octyl phthalate	14.70	149	835747	49.58	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	806556	75.88	ng		98
87) Benzo(b)fluoranthene	15.15	252	725289m	41.43	ng		
88) Benzo(k)fluoranthene	15.18	252	672441m	47.62	ng		
89) Benzo(a)pyrene	15.51	252	703628	48.50	ng	#	97
90) Dibenzo(a,h)anthracene	17.05	278	640631	51.73	ng		100
91) Benzo(g,h,i)perylene	17.49	276	681992	54.77	ng		96

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

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