Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085244.D
Acq On : 5 Mar 2016 10:29
Operator : SJ/IZ
Sample : H1686-03MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43(10-12)MSD

Manual Integrations APPROVED
UMANGI
3/7/2016 9:35:35 AM

Quant Time: Mar 07 01:11:58 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	6.97	152	140837	20.00	ng		-0.01
21) Naphthalene-d8	8.26	136	498374	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	188935	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	286313	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	252674	20.00	ng		0.00
86) Perylene-d12	15.61	264	203843	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1409339	167.85	ng		0.01
7) Phenol-d6	6.61	99	1533724	139.43	ng		0.00
23) Nitrobenzene-d5	7.53	82	1011117	108.57	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	285453	176.57	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1463063	117.77	ng		-0.01
78) Terphenyl-d14	13.09	244	1009418	92.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	178463	41.56	ng		100
3) Pyridine	3.50	79	502045	46.72	ng		99
4) n-Nitrosodimethylamine	3.45	42	222159	48.30	ng		91
6) Aniline	6.64	93	232376	15.07	ng		96
8) 2-Chlorophenol	6.76	128	390664	38.65	ng		93
9) Benzaldehyde	6.52	77	146277	25.57	ng		100
10) Phenol	6.62	94	568099m	48.22	ng		
11) bis(2-Chloroethyl)ether	6.71	93	426127	43.55	ng		98
12) 1,3-Dichlorobenzene	6.92	146	465550	42.90	ng		98
13) 1,4-Dichlorobenzene	7.00	146	449182m	41.30	ng		
14) 1,2-Dichlorobenzene	7.14	146	431778	43.75	ng		99
15) Benzyl Alcohol	7.11	79	347667	43.05	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	502502	35.63	ng		97
17) 2-Methylphenol	7.22	107	360848	43.75	ng		96
18) Hexachloroethane	7.49	117	170086	42.39	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	296956	41.42	ng	#	89
20) 3+4-Methylphenols	7.37	107	408641	41.83	ng		95
22) Acetophenone	7.38	105	546393	44.92	ng	#	99
24) Nitrobenzene	7.56	77	436901	46.18	ng		99
25) Isophorone	7.80	82	823055	47.69	ng	#	97
26) 2-Nitrophenol	7.88	139	200300	43.51	ng	#	90
27) 2,4-Dimethylphenol	7.91	122	413098	49.09	ng		94
28) bis(2-Chloroethoxy)methane	8.00	93	452051	47.03	ng		98
29) 2,4-Dichlorophenol	8.12	162	334390	49.28	ng		95
30) 1,2,4-Trichlorobenzene	8.20	180	346908	47.29	ng		99
31) Naphthalene	8.29	128	1170591	47.77	ng		98
32) Benzoic acid	7.99	122	117955	21.11	ng		90
33) 4-Chloroaniline	8.32	127	134184	13.54	ng		99
34) Hexachlorobutadiene	8.40	225	197626	51.77	ng		99
35) Caprolactam	8.69	113	129711	58.53	ng	#	89
36) 4-Chloro-3-methylphenol	8.81	107	357394	46.42	ng		91
37) 2-Methylnaphthalene	8.97	142	778611	49.51	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	291882	54.02	ng		97
40) Hexachlorocyclopentadiene	9.13	237	100212	34.39	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	200171	49.77	ng		95
43) 2,4,5-Trichlorophenol	9.29	196	203722	53.42	ng		98
45) 1,1'-Biphenyl	9.44	154	820060	50.80	ng		95
46) 2-Chloronaphthalene	9.46	162	621616	50.52	ng		95
47) 2-Nitroaniline	9.56	65	213848	56.09	ng	#	83
48) Acenaphthylene	9.88	152	882789	46.10	ng		99
49) Dimethylphthalate	9.74	163	866428	59.75	ng		100
50) 2,6-Dinitrotoluene	9.80	165	144643	46.62	ng		95
51) Acenaphthene	10.05	154	519347	44.67	ng		98
52) 3-Nitroaniline	9.97	138	138171	37.23	ng	#	85
53) 2,4-Dinitrophenol	10.07	184	9308	13.35	ng	#	52
54) Dibenzofuran	10.22	168	740758	48.63	ng		97
55) 4-Nitrophenol	10.12	139	200397	68.70	ng	#	67
56) 2,4-Dinitrotoluene	10.20	165	171336	43.15	ng	#	94
57) Fluorene	10.56	166	548280	45.82	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	130231	48.61	ng	#	93
59) Diethylphthalate	10.44	149	679395	48.28	ng		97
60) 4-Chlorophenyl-phenylether	10.56	204	289548	49.73	ng	#	87
61) 4-Nitroaniline	10.57	138	124506	35.86	ng		99
62) Azobenzene	10.72	77	640169	46.17	ng		83
64) 4,6-Dinitro-2-methylphenol	10.61	198	17309	10.10	ng	#	1
65) n-Nitrosodiphenylamine	10.68	169	565347	63.48	ng		97
66) 4-Bromophenyl-phenylether	11.05	248	160937	57.89	ng	#	88
67) Hexachlorobenzene	11.12	284	170220	57.39	ng		96
68) Atrazine	11.20	200	160528	64.82	ng		97
69) Pentachlorophenol	11.30	266	153752	93.39	ng		98
70) Phenanthrene	11.53	178	786325	52.40	ng		98
71) Anthracene	11.58	178	696867	43.75	ng		98
72) Carbazole	11.73	167	621321	44.48	ng	#	97
73) Di-n-butylphthalate	12.06	149	790573	44.78	ng		99
74) Fluoranthene	12.72	202	684098	45.43	ng		99
76) Benzidine	12.84	184	240329	31.96	ng	#	93
77) Pyrene	12.95	202	689764	36.27	ng		98
79) Butylbenzylphthalate	13.56	149	340250	39.43	ng		97
80) Benzo(a)anthracene	14.14	228	695173	45.96	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	73879	15.48	ng		97
82) Chrysene	14.17	228	650058	46.52	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	520558	45.84	ng		99
84) Di-n-octyl phthalate	14.73	149	925405	53.51	ng	#	88
85) Indeno(1,2,3-cd)pyrene	17.10	276	568249	52.11	ng		97
87) Benzo(b)fluoranthene	15.19	252	637430	46.92	ng	#	96
88) Benzo(k)fluoranthene	15.21	252	487330m	44.47	ng		
89) Benzo(a)pyrene	15.56	252	544493	48.36	ng		97
90) Dibenzo(a,h)anthracene	17.11	278	482961	50.25	ng		98
91) Benzo(g,h,i)perylene	17.55	276	453253	46.90	ng		96

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

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