Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085284.D
Acq On : 9 Mar 2016 4:39
Operator : UM/SJ
Sample : H1703-08MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-41COMP(0.5-5.0)MSD

Manual Integrations APPROVED
UMANGI
3/9/2016 3:26:55 PM

Quant Time: Mar 09 13:35:59 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	6.96	152	154412	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	605385	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	267916	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	458765	20.00	ng		-0.02
75) Chrysene-d12	14.13	240	294848	20.00	ng		-0.02
86) Perylene-d12	15.59	264	270791	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1261816	137.07	ng		0.00
7) Phenol-d6	6.60	99	1618857	134.23	ng		-0.01
23) Nitrobenzene-d5	7.52	82	1048551	92.68	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	338055	147.46	ng		-0.01
44) 2-Fluorobiphenyl	9.33	172	1555121	88.28	ng		-0.02
78) Terphenyl-d14	13.08	244	1119750	88.16	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	167012	35.48	ng		99
3) Pyridine	3.46	79	526134	44.66	ng		99
4) n-Nitrosodimethylamine	3.42	42	205491	40.75	ng		97
6) Aniline	6.62	93	394064	23.31	ng		99
8) 2-Chlorophenol	6.74	128	454525	41.01	ng		95
9) Benzaldehyde	6.50	77	141229	21.82	ng		99
10) Phenol	6.61	94	655874m	50.78	ng		
11) bis(2-Chloroethyl)ether	6.70	93	488095	45.49	ng		99
12) 1,3-Dichlorobenzene	6.90	146	515092	43.29	ng		98
13) 1,4-Dichlorobenzene	6.98	146	499642m	41.90	ng		
14) 1,2-Dichlorobenzene	7.13	146	481982	44.55	ng		98
15) Benzyl Alcohol	7.10	79	389174	43.96	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	600353	38.82	ng		100
17) 2-Methylphenol	7.21	107	406910	45.00	ng		98
18) Hexachloroethane	7.48	117	182465	41.48	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	316433	40.26	ng	#	90
20) 3+4-Methylphenols	7.36	107	481773	44.98	ng		95
22) Acetophenone	7.37	105	635453	43.00	ng	#	99
24) Nitrobenzene	7.54	77	511019	44.47	ng		99
25) Isophorone	7.78	82	939729	44.82	ng		98
26) 2-Nitrophenol	7.86	139	274142	49.02	ng	#	91
27) 2,4-Dimethylphenol	7.90	122	488981	47.84	ng		96
28) bis(2-Chloroethoxy)methane	7.99	93	542361	46.45	ng		99
29) 2,4-Dichlorophenol	8.10	162	406456	49.31	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	394518	44.27	ng		99
31) Naphthalene	8.26	128	1337074	44.92	ng		99
32) Benzoic acid	7.96	122	27267	4.02	ng		90
33) 4-Chloroaniline	8.31	127	143503	11.92	ng		97
34) Hexachlorobutadiene	8.39	225	217368	46.88	ng		99
35) Caprolactam	8.69	113	132521m	49.23	ng		
36) 4-Chloro-3-methylphenol	8.80	107	450288	48.15	ng		90
37) 2-Methylnaphthalene	8.96	142	888302	46.50	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	360904	47.10	ng		98
40) Hexachlorocyclopentadiene	9.12	237	312763	75.68	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	263522	46.20	ng		97
43) 2,4,5-Trichlorophenol	9.28	196	282789	52.29	ng		95
45) 1,1'-Biphenyl	9.43	154	1059741	46.30	ng		94
46) 2-Chloronaphthalene	9.45	162	805872	46.19	ng		97
47) 2-Nitroaniline	9.54	65	267857	49.54	ng		86
48) Acenaphthylene	9.86	152	1164333	42.88	ng		98
49) Dimethylphthalate	9.73	163	1144976	55.68	ng		99
50) 2,6-Dinitrotoluene	9.78	165	188522	42.85	ng	#	87
51) Acenaphthene	10.04	154	800585	48.56	ng		98
52) 3-Nitroaniline	9.96	138	161214	30.63	ng		97
53) 2,4-Dinitrophenol	10.06	184	84242	41.98	ng	#	44
54) Dibenzofuran	10.21	168	1025201	47.46	ng		98
55) 4-Nitrophenol	10.12	139	393459	95.13	ng		96
56) 2,4-Dinitrotoluene	10.18	165	277823	49.35	ng	#	86
57) Fluorene	10.55	166	825814	48.67	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	191703	50.46	ng		97
59) Diethylphthalate	10.42	149	910689	45.64	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	363205	43.99	ng	#	88
61) 4-Nitroaniline	10.57	138	213592	43.39	ng		80
62) Azobenzene	10.70	77	915372	46.56	ng		96
64) 4,6-Dinitro-2-methylphenol	10.60	198	95419	34.74	ng		77
65) n-Nitrosodiphenylamine	10.66	169	755910	52.98	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	210844	47.33	ng	#	86
67) Hexachlorobenzene	11.10	284	227432	47.86	ng	#	82
68) Atrazine	11.19	200	254400	64.11	ng		97
69) Pentachlorophenol	11.29	266	241908	91.71	ng		99
70) Phenanthrene	11.52	178	2120479	88.20	ng		100
71) Anthracene	11.57	178	1230722	48.22	ng		99
72) Carbazole	11.72	167	933570	41.71	ng		99
73) Di-n-butylphthalate	12.05	149	1241650	43.89	ng		99
74) Fluoranthene	12.71	202	1903564	78.89	ng		95
76) Benzidine	12.82	184	451412	51.44	ng		98
77) Pyrene	12.94	202	1882037	84.81	ng		99
79) Butylbenzylphthalate	13.54	149	467775	46.45	ng	#	80
80) Benzo(a)anthracene	14.12	228	1063128	60.23	ng		100
81) 3,3'-Dichlorobenzidine	14.07	252	126499	22.72	ng		98
82) Chrysene	14.15	228	763079	46.80	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	596136	44.99	ng	#	95
84) Di-n-octyl phthalate	14.71	149	938686	46.51	ng	#	97
85) Indeno(1,2,3-cd)pyrene	17.07	276	928638	72.98	ng		97
87) Benzo(b)fluoranthene	15.17	252	985486m	54.60	ng		
88) Benzo(k)fluoranthene	15.19	252	683373m	46.94	ng		
89) Benzo(a)pyrene	15.53	252	867672	58.01	ng	#	97
90) Dibenzo(a,h)anthracene	17.08	278	709459	55.57	ng		99
91) Benzo(g,h,i)perylene	17.51	276	796148	62.02	ng		99

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

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