Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085174.D
Acq On : 3 Mar 2016 23:34
Operator : SJ/UM
Sample : H1663-06MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-40(18-20)MSD

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

Quant Time: Mar 04 03:15:19 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	6.98	152	157646	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	635181	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	295867	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	552262	20.00	ng		0.00
75) Chrysene-d12	14.14	240	361806	20.00	ng		-0.01
86) Perylene-d12	15.61	264	291050	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1344625	143.07	ng		0.01
7) Phenol-d6	6.61	99	1751894	142.28	ng		0.00
23) Nitrobenzene-d5	7.54	82	1182365	99.61	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	402875	159.14	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1735721	89.22	ng		-0.01
78) Terphenyl-d14	13.09	244	1470077	94.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	193485	40.26	ng		100
3) Pyridine	3.50	79	582387	48.42	ng		99
4) n-Nitrosodimethylamine	3.45	42	248111	48.19	ng		97
6) Aniline	6.64	93	569772	33.01	ng		99
8) 2-Chlorophenol	6.77	128	584268	51.64	ng		98
9) Benzaldehyde	6.53	77	199484	32.85	ng		92
10) Phenol	6.62	94	599834m	45.48	ng		
11) bis(2-Chloroethyl)ether	6.72	93	531513	48.53	ng		92
12) 1,3-Dichlorobenzene	6.92	146	550279m	45.30	ng		
13) 1,4-Dichlorobenzene	7.00	146	557105	45.76	ng		98
14) 1,2-Dichlorobenzene	7.16	146	555736	50.31	ng		96
15) Benzyl Alcohol	7.12	79	535995	59.30	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.26	45	751343	47.59	ng		99
17) 2-Methylphenol	7.22	107	484598	52.49	ng		97
18) Hexachloroethane	7.50	117	217591	48.45	ng		96
19) n-Nitroso-di-n-propylamine	7.40	70	390025	48.60	ng	#	90
20) 3+4-Methylphenols	7.38	107	583332	53.34	ng		92
22) Acetophenone	7.40	105	755676	48.74	ng	#	92
24) Nitrobenzene	7.57	77	660674	54.79	ng	#	89
25) Isophorone	7.81	82	1141213	51.88	ng		96
26) 2-Nitrophenol	7.88	139	281348	47.95	ng	#	68
27) 2,4-Dimethylphenol	7.91	122	504459	47.04	ng		94
28) bis(2-Chloroethoxy)methane	8.01	93	724473	59.14	ng		99
29) 2,4-Dichlorophenol	8.12	162	429986	49.72	ng		89
30) 1,2,4-Trichlorobenzene	8.21	180	476674	50.98	ng		99
31) Naphthalene	8.29	128	1526779	48.88	ng		99
32) Benzoic acid	7.97	122	26601	3.73	ng		97
33) 4-Chloroaniline	8.33	127	274526	21.73	ng	#	92
34) Hexachlorobutadiene	8.40	225	233274	47.95	ng		97
35) Caprolactam	8.70	113	172856m	61.20	ng		
36) 4-Chloro-3-methylphenol	8.81	107	524811	53.49	ng		98
37) 2-Methylnaphthalene	8.98	142	1077506	53.76	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	392384	46.37	ng		99
40) Hexachlorocyclopentadiene	9.13	237	451299	98.89	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	336597	53.44	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	318973	53.41	ng		97
45) 1,1'-Biphenyl	9.44	154	1121829	44.38	ng		98
46) 2-Chloronaphthalene	9.46	162	888100	46.09	ng	#	92
47) 2-Nitroaniline	9.56	65	288268	48.28	ng		98
48) Acenaphthylene	9.89	152	1556124	51.89	ng		99
49) Dimethylphthalate	9.75	163	1378767	60.71	ng		99
50) 2,6-Dinitrotoluene	9.81	165	273139	56.22	ng	#	82
51) Acenaphthene	10.06	154	953531	52.37	ng		99
52) 3-Nitroaniline	9.97	138	169941	29.24	ng	#	78
53) 2,4-Dinitrophenol	10.07	184	93592	42.18	ng	#	63
54) Dibenzofuran	10.23	168	1336053	56.01	ng		98
55) 4-Nitrophenol	10.13	139	404999	88.67	ng	#	76
56) 2,4-Dinitrotoluene	10.21	165	352424	56.68	ng		97
57) Fluorene	10.57	166	1012865	54.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	261029	62.22	ng		97
59) Diethylphthalate	10.45	149	1158561	52.57	ng		100
60) 4-Chlorophenyl-phenylether	10.56	204	465292	51.04	ng		98
61) 4-Nitroaniline	10.58	138	249814	45.95	ng		99
62) Azobenzene	10.72	77	1245279	57.36	ng		98
64) 4,6-Dinitro-2-methylphenol	10.62	198	159304	48.18	ng		79
65) n-Nitrosodiphenylamine	10.68	169	848776	49.41	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	292104	54.47	ng		95
67) Hexachlorobenzene	11.12	284	311846	54.51	ng		95
68) Atrazine	11.20	200	259107	54.24	ng		99
69) Pentachlorophenol	11.30	266	323570	101.90	ng		99
70) Phenanthrene	11.53	178	1487241	51.39	ng		100
71) Anthracene	11.58	178	1458268	47.46	ng		99
72) Carbazole	11.74	167	1453189	53.94	ng		99
73) Di-n-butylphthalate	12.06	149	1631327	47.90	ng		100
74) Fluoranthene	12.72	202	1551545	53.42	ng		97
76) Benzidine	12.84	184	535622	49.74	ng		99
77) Pyrene	12.95	202	1550922	56.95	ng		100
79) Butylbenzylphthalate	13.56	149	645544	52.24	ng		99
80) Benzo(a)anthracene	14.13	228	1110318	51.26	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	204964	30.00	ng	#	97
82) Chrysene	14.17	228	1110491	55.50	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	879160	54.07	ng		100
84) Di-n-octyl phthalate	14.73	149	1464203	59.13	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	855547	54.79	ng		100
87) Benzo(b)fluoranthene	15.18	252	1096467	56.52	ng		100
88) Benzo(k)fluoranthene	15.21	252	704320m	45.01	ng		
89) Benzo(a)pyrene	15.56	252	853146	53.07	ng		99
90) Dibenzo(a,h)anthracene	17.11	278	712395	51.91	ng		96
91) Benzo(g,h,i)perylene	17.53	276	719338	52.13	ng		99

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

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