Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085243.D
Acq On : 5 Mar 2016 10:02
Operator : SJ/IZ
Sample : H1686-02MS
Misc :
ALS Vial : 40 Sample Multiplier: 1

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

Manual Integrations APPROVED
UMANGI
3/7/2016 3:31:04 PM

Quant Time: Mar 07 13:34:15 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	140108	20.00	ng		-0.01
21) Naphthalene-d8	8.26	136	507122	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	194551	20.00	ng		-0.01
63) Phenanthrene-d10	11.51	188	331185	20.00	ng		0.00
75) Chrysene-d12	14.15	240	208139	20.00	ng		0.00
86) Perylene-d12	15.61	264	196123	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1192245	142.74	ng		0.01
7) Phenol-d6	6.61	99	1476608	134.93	ng		0.00
23) Nitrobenzene-d5	7.54	82	989136	104.37	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	266450	160.06	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1416716	110.75	ng		-0.01
78) Terphenyl-d14	13.09	244	845676	94.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	186193	43.59	ng		98
3) Pyridine	3.50	79	497727	46.56	ng		99
4) n-Nitrosodimethylamine	3.45	42	236672	51.73	ng		93
6) Aniline	6.64	93	273457	17.83	ng		96
8) 2-Chlorophenol	6.76	128	416379	41.41	ng		94
9) Benzaldehyde	6.52	77	154250	27.51	ng		100
10) Phenol	6.62	94	600675m	51.25	ng		
11) bis(2-Chloroethyl)ether	6.71	93	456645	46.91	ng		99
12) 1,3-Dichlorobenzene	6.92	146	487889	45.19	ng		98
13) 1,4-Dichlorobenzene	7.00	146	478493m	44.22	ng		
14) 1,2-Dichlorobenzene	7.14	146	453760	46.22	ng		98
15) Benzyl Alcohol	7.11	79	364982	45.43	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	545079	38.85	ng		97
17) 2-Methylphenol	7.22	107	374433	45.63	ng		97
18) Hexachloroethane	7.49	117	174007	43.59	ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	321074	45.02	ng	#	89
20) 3+4-Methylphenols	7.37	107	429464	44.19	ng		97
22) Acetophenone	7.38	105	580380	46.89	ng	#	99
24) Nitrobenzene	7.56	77	453864	47.14	ng		99
25) Isophorone	7.80	82	862376	49.10	ng	#	97
26) 2-Nitrophenol	7.88	139	215306	45.96	ng	#	87
27) 2,4-Dimethylphenol	7.91	122	431264	50.37	ng		93
28) bis(2-Chloroethoxy)methane	8.00	93	481420	49.22	ng		98
29) 2,4-Dichlorophenol	8.12	162	358432	51.91	ng		94
30) 1,2,4-Trichlorobenzene	8.20	180	362626	48.57	ng		99
31) Naphthalene	8.29	128	1222915	49.04	ng		98
32) Benzoic acid	7.99	122	91396	16.07	ng		90
33) 4-Chloroaniline	8.32	127	152226	15.09	ng		100
34) Hexachlorobutadiene	8.40	225	213269	54.90	ng		99
35) Caprolactam	8.69	113	132739	58.86	ng	#	89
36) 4-Chloro-3-methylphenol	8.81	107	384468	49.08	ng		94
37) 2-Methylnaphthalene	8.97	142	798852	49.92	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	325948	58.58	ng		96
40) Hexachlorocyclopentadiene	9.13	237	112103	37.36	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	212261	51.25	ng		95
43) 2,4,5-Trichlorophenol	9.29	196	218695	55.69	ng		98
45) 1,1'-Biphenyl	9.44	154	902042	54.27	ng		95
46) 2-Chloronaphthalene	9.46	162	647616	51.11	ng		95
47) 2-Nitroaniline	9.56	65	221359	56.38	ng		85
48) Acenaphthylene	9.88	152	970210	49.20	ng		99
49) Dimethylphthalate	9.74	163	906741	60.72	ng		100
50) 2,6-Dinitrotoluene	9.80	165	151179	47.32	ng		92
51) Acenaphthene	10.05	154	562604	46.99	ng		98
52) 3-Nitroaniline	9.97	138	157273	41.15	ng	#	92
53) 2,4-Dinitrophenol	10.07	184	10605	13.91	ng	#	50
54) Dibenzofuran	10.22	168	805472	51.35	ng		96
55) 4-Nitrophenol	10.12	139	227407	75.71	ng	#	68
56) 2,4-Dinitrotoluene	10.20	165	180228	44.08	ng	#	91
57) Fluorene	10.57	166	588605	47.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	141149	51.16	ng	#	94
59) Diethylphthalate	10.44	149	722400	49.85	ng		97
60) 4-Chlorophenyl-phenylether	10.56	204	311674	51.99	ng	#	88
61) 4-Nitroaniline	10.57	138	131281	36.72	ng		98
62) Azobenzene	10.72	77	718874	50.35	ng		85
64) 4,6-Dinitro-2-methylphenol	10.61	198	19729	9.95	ng	#	1
65) n-Nitrosodiphenylamine	10.68	169	590757	57.35	ng		98
66) 4-Bromophenyl-phenylether	11.05	248	192322	59.81	ng	#	87
67) Hexachlorobenzene	11.12	284	192462	56.10	ng		99
68) Atrazine	11.20	200	184495	64.40	ng		98
69) Pentachlorophenol	11.30	266	182849	96.02	ng		99
70) Phenanthrene	11.53	178	954398	54.99	ng		99
71) Anthracene	11.58	178	851913	46.24	ng		98
72) Carbazole	11.74	167	774838	47.96	ng		99
73) Di-n-butylphthalate	12.06	149	944177	46.23	ng		98
74) Fluoranthene	12.72	202	745292	42.79	ng		99
76) Benzidine	12.84	184	258985	41.81	ng	#	93
77) Pyrene	12.95	202	738931	47.17	ng		99
79) Butylbenzylphthalate	13.56	149	323335	45.49	ng		99
80) Benzo(a)anthracene	14.14	228	634975	50.96	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	74037	18.84	ng		99
82) Chrysene	14.17	228	582509	50.61	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	459481	49.12	ng	#	99
84) Di-n-octyl phthalate	14.72	149	809577	56.83	ng	#	88
85) Indeno(1,2,3-cd)pyrene	17.09	276	578218	64.37	ng		97
87) Benzo(b)fluoranthene	15.18	252	689009m	52.71	ng		
88) Benzo(k)fluoranthene	15.21	252	482138m	45.73	ng		
89) Benzo(a)pyrene	15.56	252	567833	52.42	ng		98
90) Dibenzo(a,h)anthracene	17.11	278	494812	53.51	ng		97
91) Benzo(g,h,i)perylene	17.55	276	462857	49.78	ng		95

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

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