Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086377.D
Acq On : 23 Apr 2016 8:16
Operator : UM/SJ
Sample : H2634-11MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11MSD

Manual Integrations APPROVED
sohil
4/25/2016 12:35:49 PM

Quant Time: Apr 25 04:53:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	175765	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	723898	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	357767	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	657204	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	395059	20.00	ng		0.00
86) Perylene-d12	15.41	264	376783	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	677964	66.61	ng		0.01
7) Phenol-d6	6.48	99	637223	46.05	ng		0.00
23) Nitrobenzene-d5	7.41	82	1020190	83.48	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	375478	115.94	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1687935	80.51	ng		0.00
78) Terphenyl-d14	12.95	244	1366791	85.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	83126	14.77	ng		98
3) Pyridine	3.20	79	196510	14.65	ng		98
4) n-Nitrosodimethylamine	3.12	42	86658	17.03	ng		94
6) Aniline	6.50	93	358539	21.23	ng		96
8) 2-Chlorophenol	6.62	128	430759	34.66	ng		100
9) Benzaldehyde	6.38	77	91721	10.91	ng		91
10) Phenol	6.49	94	264767	16.21	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	491720	34.57	ng		97
12) 1,3-Dichlorobenzene	6.78	146	484752	36.58	ng		97
13) 1,4-Dichlorobenzene	6.86	146	500248	34.37	ng		98
14) 1,2-Dichlorobenzene	7.01	146	488699	36.95	ng		98
15) Benzyl Alcohol	6.99	79	268881	32.74	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	650241	34.87	ng		100
17) 2-Methylphenol	7.10	107	315734	31.01	ng		98
18) Hexachloroethane	7.36	117	201178	41.03	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	345414	41.77	ng		100
20) 3+4-Methylphenols	7.25	107	300558	27.85	ng	#	68
22) Acetophenone	7.25	105	658603	43.37	ng		93
24) Nitrobenzene	7.42	77	488194	37.24	ng		96
25) Isophorone	7.66	82	934188	39.01	ng		99
26) 2-Nitrophenol	7.74	139	277322	42.82	ng		98
27) 2,4-Dimethylphenol	7.79	122	437658	39.46	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	600845	44.93	ng		98
29) 2,4-Dichlorophenol	7.98	162	407264	44.43	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	405903	40.76	ng		97
31) Naphthalene	8.14	128	1457106	39.51	ng		98
32) Benzoic acid	7.87	122	82230	11.60	ng	#	75
33) 4-Chloroaniline	8.20	127	221716	15.43	ng		98
34) Hexachlorobutadiene	8.27	225	202938	40.81	ng		99
35) Caprolactam	8.62	113	29366	8.93	ng		92
36) 4-Chloro-3-methylphenol	8.68	107	436278	40.04	ng		97
37) 2-Methylnaphthalene	8.84	142	946610	44.51	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	361756	39.08	ng		99
40) Hexachlorocyclopentadiene	8.99	237	301566	66.70	ng		95

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	270353	44.55	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	305223	40.85	ng		97
45) 1,1'-Biphenyl	9.31	154	1131050	40.75	ng		99
46) 2-Chloronaphthalene	9.33	162	909838	41.41	ng		98
47) 2-Nitroaniline	9.42	65	305363	44.64	ng		97
48) Acenaphthylene	9.74	152	1481012	41.58	ng		100
49) Dimethylphthalate	9.61	163	1035849	40.08	ng		99
50) 2,6-Dinitrotoluene	9.66	165	235596	42.20	ng		97
51) Acenaphthene	9.92	154	956449	43.71	ng		99
52) 3-Nitroaniline	9.84	138	145428	20.81	ng		99
53) 2,4-Dinitrophenol	9.94	184	170603	58.78	ng		93
54) Dibenzofuran	10.09	168	1268857	45.15	ng		99
55) 4-Nitrophenol	10.00	139	175706	35.93	ng		81
56) 2,4-Dinitrotoluene	10.08	165	324843	43.82	ng	#	69
57) Fluorene	10.43	166	964627	41.89	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	248233	45.45	ng		99
59) Diethylphthalate	10.30	149	1006630	40.67	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	392010	38.93	ng		98
61) 4-Nitroaniline	10.45	138	281157	39.30	ng		95
62) Azobenzene	10.58	77	1086190	42.32	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	148229	36.91	ng		97
65) n-Nitrosodiphenylamine	10.54	169	892536	44.04	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	277957	43.19	ng		93
67) Hexachlorobenzene	10.97	284	280264	40.82	ng	#	57
68) Atrazine	11.08	200	269136	43.01	ng		97
69) Pentachlorophenol	11.17	266	326800	81.05	ng		97
70) Phenanthrene	11.39	178	1421581	43.05	ng		100
71) Anthracene	11.44	178	1482397	39.18	ng		100
72) Carbazole	11.60	167	1500478	42.22	ng		99
73) Di-n-butylphthalate	11.93	149	1549162	41.44	ng		99
74) Fluoranthene	12.57	202	1334529	37.47	ng		98
76) Benzidine	12.71	184	84873	5.24	ng	#	90
77) Pyrene	12.80	202	1328800	48.23	ng		99
79) Butylbenzylphthalate	13.43	149	628004	48.93	ng		97
80) Benzo(a)anthracene	13.99	228	929856	45.34	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	90040	6.37	ng		99
82) Chrysene	14.02	228	927899	40.16	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	684278	47.61	ng		99
84) Di-n-octyl phthalate	14.59	149	1186523	43.00	ng		100
85) Indeno(1,2,3-cd)pyrene	16.80	276	1044310	50.84	ng		98
87) Benzo(b)fluoranthene	15.01	252	989025m	47.82	ng		
88) Benzo(k)fluoranthene	15.04	252	819125m	40.35	ng		
89) Benzo(a)pyrene	15.36	252	885935	43.42	ng		97
90) Dibenzo(a,h)anthracene	16.81	278	867211	51.53	ng		99
91) Benzo(g,h,i)perylene	17.21	276	907115	52.21	ng		97

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

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