Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085124.D
Acq On : 2 Mar 2016 17:30
Operator : SJ/IZ
Sample : H1620-06MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05MSD

Manual Integrations APPROVED
UMANGI
3/3/2016 2:05:34 PM

Quant Time: Mar 03 12:50:55 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	168251	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	650588	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	307463	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	511959	20.00	ng		0.00
75) Chrysene-d12	14.16	240	346338	20.00	ng		0.00
86) Perylene-d12	15.64	264	400640	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	714974	68.99	ng		0.01
7) Phenol-d6	6.62	99	577281	42.49	ng		0.00
23) Nitrobenzene-d5	7.56	82	1250762	102.28	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	446885	144.63	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	2106064	100.88	ng		0.00
78) Terphenyl-d14	13.10	244	1275954	86.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	88760	17.28	ng		97
3) Pyridine	3.53	79	188308	14.29	ng		96
4) n-Nitrosodimethylamine	3.44	42	112100	18.69	ng		96
6) Aniline	6.65	93	278985	14.47	ng		98
8) 2-Chlorophenol	6.78	128	501116	41.95	ng		96
9) Benzaldehyde	6.54	77	69371	7.47	ng		99
10) Phenol	6.63	94	241837	15.91	ng		89
11) bis(2-Chloroethyl)ether	6.72	93	533783	44.29	ng		93
12) 1,3-Dichlorobenzene	6.94	146	587179	45.76	ng		97
13) 1,4-Dichlorobenzene	7.01	146	548243	41.92	ng		98
14) 1,2-Dichlorobenzene	7.17	146	568066	49.34	ng		98
15) Benzyl Alcohol	7.13	79	355417	35.89	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	810031	45.61	ng		100
17) 2-Methylphenol	7.25	107	335152	33.49	ng		96
18) Hexachloroethane	7.51	117	215319	44.54	ng		93
19) n-Nitroso-di-n-propylamine	7.41	70	417642	46.65	ng		95
20) 3+4-Methylphenols	7.40	107	354969	29.68	ng	#	74
22) Acetophenone	7.41	105	822060	50.23	ng	#	90
24) Nitrobenzene	7.58	77	706792	55.72	ng		96
25) Isophorone	7.82	82	1203436	51.45	ng		98
26) 2-Nitrophenol	7.90	139	291157	51.33	ng		95
27) 2,4-Dimethylphenol	7.93	122	483961	44.02	ng		99
28) bis(2-Chloroethoxy)methane	8.02	93	708636	54.93	ng		99
29) 2,4-Dichlorophenol	8.14	162	452797	50.06	ng		88
30) 1,2,4-Trichlorobenzene	8.22	180	478755	48.56	ng		99
31) Naphthalene	8.30	128	1486939	45.19	ng		100
32) Benzoic acid	8.00	122	91499	23.05	ng		98
33) 4-Chloroaniline	8.34	127	162689	12.51	ng		94
34) Hexachlorobutadiene	8.42	225	279459	48.86	ng		98
35) Caprolactam	8.72	113	20242	7.13	ng	#	81
36) 4-Chloro-3-methylphenol	8.82	107	450979	45.09	ng		90
37) 2-Methylnaphthalene	9.00	142	1109226	55.15	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	435092	45.95	ng		99
40) Hexachlorocyclopentadiene	9.14	237	437093	81.08	ng		100

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	331416m	51.99	ng		
43) 2,4,5-Trichlorophenol	9.30	196	329507m	53.94	ng		
45) 1,1'-Biphenyl	9.45	154	1242146	45.51	ng		95
46) 2-Chloronaphthalene	9.49	162	1032270	51.86	ng		98
47) 2-Nitroaniline	9.58	65	316596	50.66	ng		99
48) Acenaphthylene	9.90	152	1412820	47.76	ng		99
49) Dimethylphthalate	9.76	163	1283840	56.32	ng		98
50) 2,6-Dinitrotoluene	9.82	165	265741	56.21	ng		93
51) Acenaphthene	10.07	154	1018869	54.86	ng		98
52) 3-Nitroaniline	9.98	138	62022	11.04	ng		94
53) 2,4-Dinitrophenol	10.09	184	230397	89.83	ng	#	1
54) Dibenzofuran	10.24	168	1257362	52.15	ng		99
55) 4-Nitrophenol	10.14	139	140183	32.53	ng		86
56) 2,4-Dinitrotoluene	10.22	165	326151	51.20	ng		96
57) Fluorene	10.58	166	966423	50.97	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.36	232	256403	55.41	ng		100
59) Diethylphthalate	10.46	149	1149445	52.61	ng		100
60) 4-Chlorophenyl-phenylether	10.57	204	487260	49.86	ng		99
61) 4-Nitroaniline	10.60	138	199109	37.83	ng		87
62) Azobenzene	10.73	77	1173252	53.15	ng		99
64) 4,6-Dinitro-2-methylphenol	10.63	198	159715	51.33	ng		90
65) n-Nitrosodiphenylamine	10.70	169	925194	57.34	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	301892	56.16	ng		97
67) Hexachlorobenzene	11.13	284	326991	53.88	ng		97
68) Atrazine	11.22	200	291767	59.27	ng		95
69) Pentachlorophenol	11.33	266	384196	107.89	ng		99
70) Phenanthrene	11.54	178	1293587	50.80	ng		99
71) Anthracene	11.60	178	1458959	51.02	ng		99
72) Carbazole	11.75	167	1180159	47.42	ng		98
73) Di-n-butylphthalate	12.08	149	1568078	52.94	ng		100
74) Fluoranthene	12.73	202	1219188	43.62	ng		99
77) Pyrene	12.96	202	1180162	49.92	ng		98
79) Butylbenzylphthalate	13.58	149	523541	52.29	ng		95
80) Benzo(a)anthracene	14.15	228	1044704	51.95	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	47179	7.51	ng		99
82) Chrysene	14.19	228	926760m	50.47	ng		
83) Bis(2-ethylhexyl)phthalate	14.13	149	671403	58.08	ng		98
84) Di-n-octyl phthalate	14.75	149	1180862	68.82	ng		99
85) Indeno(1,2,3-cd)pyrene	17.13	276	1324167	85.28	ng		99
87) Benzo(b)fluoranthene	15.20	252	1341700m	55.00	ng		
88) Benzo(k)fluoranthene	15.24	252	823580m	38.98	ng		
89) Benzo(a)pyrene	15.58	252	1097981	53.51	ng		99
90) Dibenzo(a,h)anthracene	17.16	278	1113971	60.28	ng	#	96
91) Benzo(g,h,i)perylene	17.59	276	1064869	56.67	ng		98

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

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