Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086457.D
Acq On : 28 Apr 2016 7:08
Operator : UM/SJ
Sample : H2707-08MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

Manual Integrations APPROVED
sohil
4/28/2016 1:40:20 PM

Quant Time: Apr 28 08:18:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	122698	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	440122	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	164870	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	255420	20.00	ng		0.00
75) Chrysene-d12	13.96	240	268245	20.00	ng		0.00
86) Perylene-d12	15.37	264	198677	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1071750	150.67	ng		0.02
7) Phenol-d6	6.45	99	1334919	134.46	ng		0.01
23) Nitrobenzene-d5	7.38	82	838721	102.72	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	212760	122.37	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1143169	136.66	ng		0.00
78) Terphenyl-d14	12.91	244	878547	72.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	154762	41.42	ng	#	79
3) Pyridine	3.12	79	396492	44.83	ng	#	68
4) n-Nitrosodimethylamine	3.07	42	269018	53.37	ng	#	60
6) Aniline	6.46	93	274758	22.87	ng	#	1
8) 2-Chlorophenol	6.59	128	380690	42.97	ng		85
9) Benzaldehyde	6.35	77	67063	11.61	ng		96
10) Phenol	6.46	94	573969	51.82	ng		81
11) bis(2-Chloroethyl)ether	6.54	93	427304	44.62	ng		85
12) 1,3-Dichlorobenzene	6.75	146	425550	44.65	ng		99
13) 1,4-Dichlorobenzene	6.83	146	423724	43.09	ng		98
14) 1,2-Dichlorobenzene	6.98	146	420436	46.62	ng		99
15) Benzyl Alcohol	6.96	79	348893	55.55	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.09	45	889596	46.41	ng		87
17) 2-Methylphenol	7.07	107	321655	44.92	ng		94
18) Hexachloroethane	7.32	117	125698	34.21	ng	#	88
19) n-Nitroso-di-n-propylamine	7.23	70	326330	49.73	ng	#	78
20) 3+4-Methylphenols	7.23	107	381346	46.64	ng	#	75
22) Acetophenone	7.22	105	537071	55.65	ng	#	92
24) Nitrobenzene	7.39	77	394302	46.94	ng		96
25) Isophorone	7.63	82	774675	49.30	ng		99
26) 2-Nitrophenol	7.71	139	117873	30.48	ng		92
27) 2,4-Dimethylphenol	7.76	122	349388	51.49	ng		94
28) bis(2-Chloroethoxy)methane	7.85	93	494627	57.78	ng		98
29) 2,4-Dichlorophenol	7.95	162	270350	47.22	ng		95
30) 1,2,4-Trichlorobenzene	8.04	180	323160	48.65	ng		99
31) Naphthalene	8.11	128	1064959	47.55	ng		99
32) Benzoic acid	7.82	122	22176m	13.19	ng		
33) 4-Chloroaniline	8.17	127	155077	18.49	ng		97
34) Hexachlorobutadiene	8.24	225	184862	49.65	ng		98
35) Caprolactam	8.52	113	75627	39.60	ng	#	54
36) 4-Chloro-3-methylphenol	8.66	107	270953m	41.33	ng		
37) 2-Methylnaphthalene	8.81	142	661615	50.07	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	251839	53.36	ng		99
40) Hexachlorocyclopentadiene	8.96	237	25161	10.73	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	140053	46.95	ng		96
43) 2,4,5-Trichlorophenol	9.13	196	152269	46.83	ng	#	90
45) 1,1'-Biphenyl	9.28	154	748594	54.32	ng		99
46) 2-Chloronaphthalene	9.30	162	544231	51.94	ng		98
47) 2-Nitroaniline	9.39	65	199190	59.28	ng	#	82
48) Acenaphthylene	9.71	152	818746	49.99	ng		99
49) Dimethylphthalate	9.57	163	783426	63.12	ng		100
50) 2,6-Dinitrotoluene	9.63	165	116053	45.26	ng	#	85
51) Acenaphthene	9.88	154	493303	46.89	ng		97
52) 3-Nitroaniline	9.80	138	141187	48.42	ng		99
53) 2,4-Dinitrophenol	9.92	184	1740	8.95	ng	#	1
54) Dibenzofuran	10.05	168	691838	52.62	ng		99
55) 4-Nitrophenol	9.96	139	145298	76.10	ng	#	59
56) 2,4-Dinitrotoluene	10.03	165	124146	37.98	ng	#	87
57) Fluorene	10.40	166	501020	43.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	126645	49.82	ng		94
59) Diethylphthalate	10.27	149	599660	51.04	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	230114	44.40	ng		96
61) 4-Nitroaniline	10.41	138	133144	46.71	ng	#	73
62) Azobenzene	10.54	77	619902	48.17	ng		91
65) n-Nitrosodiphenylamine	10.51	169	430103	53.88	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	139438	52.98	ng	#	89
67) Hexachlorobenzene	10.94	284	143710	47.17	ng		94
68) Atrazine	11.04	200	119278	49.76	ng		96
69) Pentachlorophenol	11.14	266	150189	93.51	ng		98
70) Phenanthrene	11.34	178	661664	49.36	ng		100
71) Anthracene	11.40	178	741769	51.85	ng		100
72) Carbazole	11.56	167	682455	53.83	ng		99
73) Di-n-butylphthalate	11.89	149	777555	54.14	ng		99
74) Fluoranthene	12.53	202	743207	54.93	ng		98
76) Benzidine	12.66	184	188129	20.41	ng		96
77) Pyrene	12.76	202	769960	39.83	ng		99
79) Butylbenzylphthalate	13.39	149	369146	44.10	ng		92
80) Benzo(a)anthracene	13.95	228	687441	48.07	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	213585	22.34	ng	#	97
82) Chrysene	13.99	228	651551	41.91	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	516841	49.74	ng		98
84) Di-n-octyl phthalate	14.56	149	916508	56.32	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.73	276	476015	41.33	ng		97
87) Benzo(b)fluoranthene	14.97	252	561567m	48.05	ng		
88) Benzo(k)fluoranthene	15.00	252	648095m	53.16	ng		
89) Benzo(a)pyrene	15.31	252	529908	48.02	ng		99
90) Dibenzo(a,h)anthracene	16.74	278	412467	45.68	ng		100
91) Benzo(g,h,i)perylene	17.14	276	382320	42.25	ng	#	92

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

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