Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084905.D
Acq On : 6 Feb 2016 12:12
Operator : SJ/IZ
Sample : PB88196BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88196BS

Manual Integrations APPROVED
UMANGI
2/8/2016 3:04:33 PM

Quant Time: Feb 08 01:34:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	158112	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	678386	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	301255	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	494333	20.00	ng		-0.03
75) Chrysene-d12	13.80	240	295353	20.00	ng		-0.03
86) Perylene-d12	15.17	264	305894	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1256932	123.82	ng		-0.01
7) Phenol-d6	6.32	99	1458838	115.92	ng		-0.02
23) Nitrobenzene-d5	7.23	82	940297	78.08	ng		-0.03
41) 2,4,6-Tribromophenol	10.49	330	310904	98.94	ng		-0.03
44) 2-Fluorobiphenyl	9.02	172	1584244	90.54	ng		-0.03
78) Terphenyl-d14	12.76	244	1163795	89.29	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	143822	32.35	ng	#	74
3) Pyridine	2.85	79	469474	40.52	ng	#	73
4) n-Nitrosodimethylamine	2.82	42	240643	40.16	ng		87
6) Aniline	6.33	93	462772	30.05	ng	#	64
8) 2-Chlorophenol	6.45	128	457567	39.82	ng		92
9) Benzaldehyde	6.20	77	168760	22.71	ng		98
10) Phenol	6.33	94	476834	33.82	ng	#	49
11) bis(2-Chloroethyl)ether	6.41	93	442654	40.27	ng		86
12) 1,3-Dichlorobenzene	6.60	146	487221	40.13	ng		98
13) 1,4-Dichlorobenzene	6.68	146	497353	40.98	ng		93
14) 1,2-Dichlorobenzene	6.83	146	427256	37.80	ng		97
15) Benzyl Alcohol	6.82	79	387100	44.55	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.96	45	719102	38.89	ng		88
17) 2-Methylphenol	6.94	107	380408	41.86	ng	#	93
18) Hexachloroethane	7.17	117	182233	38.99	ng		96
19) n-Nitroso-di-n-propylamine	7.09	70	329269	41.74	ng	#	78
20) 3+4-Methylphenols	7.09	107	456128	40.44	ng	#	83
22) Acetophenone	7.08	105	638226	35.70	ng		98
24) Nitrobenzene	7.25	77	490496	38.04	ng		97
25) Isophorone	7.49	82	859356	36.70	ng		97
26) 2-Nitrophenol	7.57	139	259793	40.85	ng		94
27) 2,4-Dimethylphenol	7.62	122	386206	34.91	ng		94
28) bis(2-Chloroethoxy)methane	7.71	93	506912	36.49	ng		99
29) 2,4-Dichlorophenol	7.81	162	353276	37.32	ng		94
30) 1,2,4-Trichlorobenzene	7.89	180	395494	36.99	ng		96
31) Naphthalene	7.97	128	1337063	39.29	ng		100
32) Benzoic acid	7.77	122	247163	34.93	ng		96
33) 4-Chloroaniline	8.03	127	318012	22.60	ng	#	93
34) Hexachlorobutadiene	8.09	225	220354	35.74	ng		97
35) Caprolactam	8.41	113	114871m	39.37	ng		
36) 4-Chloro-3-methylphenol	8.52	107	399261	36.97	ng		96
37) 2-Methylnaphthalene	8.66	142	798769	37.51	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	379277	39.64	ng		99
40) Hexachlorocyclopentadiene	8.82	237	231364	60.81	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	234352	38.02	ng		96
43) 2,4,5-Trichlorophenol	8.99	196	245103	39.14	ng	#	86
45) 1,1'-Biphenyl	9.13	154	1016292	37.77	ng		99
46) 2-Chloronaphthalene	9.15	162	787520	39.74	ng		93
47) 2-Nitroaniline	9.25	65	269507	42.95	ng		93
48) Acenaphthylene	9.56	152	1168336	38.85	ng		98
49) Dimethylphthalate	9.44	163	847078	36.92	ng	#	89
50) 2,6-Dinitrotoluene	9.49	165	185032	36.91	ng	#	42
51) Acenaphthene	9.73	154	741342	37.89	ng		98
52) 3-Nitroaniline	9.66	138	159520	28.32	ng		87
53) 2,4-Dinitrophenol	9.78	184	108753	49.40	ng		85
54) Dibenzofuran	9.90	168	976802	40.85	ng		93
55) 4-Nitrophenol	9.85	139	250383	60.49	ng	#	80
56) 2,4-Dinitrotoluene	9.90	165	266703	41.72	ng		90
57) Fluorene	10.25	166	818943	41.02	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	213247	44.73	ng		89
59) Diethylphthalate	10.13	149	819701	36.59	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	371762	44.19	ng	#	85
61) 4-Nitroaniline	10.28	138	211663	38.56	ng	#	79
62) Azobenzene	10.40	77	894353	41.51	ng		86
64) 4,6-Dinitro-2-methylphenol	10.30	198	93057	30.50	ng	#	63
65) n-Nitrosodiphenylamine	10.36	169	655435	41.76	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	229534	42.04	ng	#	79
67) Hexachlorobenzene	10.80	284	260880	43.85	ng	#	88
68) Atrazine	10.90	200	238120	48.04	ng		97
69) Pentachlorophenol	10.99	266	206902	74.00	ng		98
70) Phenanthrene	11.21	178	1118750	40.80	ng		100
71) Anthracene	11.25	178	1129023	40.87	ng		99
72) Carbazole	11.41	167	973189	40.40	ng		98
73) Di-n-butylphthalate	11.76	149	1373186	44.77	ng	#	98
74) Fluoranthene	12.39	202	1047865	37.76	ng		96
76) Benzidine	12.51	184	470886	46.40	ng		99
77) Pyrene	12.61	202	1047055	46.30	ng		99
79) Butylbenzylphthalate	13.24	149	454872	44.34	ng		96
80) Benzo(a)anthracene	13.79	228	794261	43.33	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	218095	33.60	ng	#	97
82) Chrysene	13.84	228	762707	42.91	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	572161	44.82	ng		99
84) Di-n-octyl phthalate	14.42	149	994607	47.22	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.45	276	781584	55.86	ng		99
87) Benzo(b)fluoranthene	14.80	252	979202m	47.64	ng		
88) Benzo(k)fluoranthene	14.83	252	559193m	32.91	ng		
89) Benzo(a)pyrene	15.12	252	748086	42.72	ng	#	94
90) Dibenzo(a,h)anthracene	16.47	278	651876	44.22	ng		97
91) Benzo(g,h,i)perylene	16.83	276	632915	42.62	ng		99

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

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