Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
Data File : BF094850.D
Acq On : 3 May 2017 23:45
Operator : SJ/MA
Sample : I2940-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5040-COMPMS

Manual Integrations APPROVED
mohammad
5/4/2017 3:35:02 PM

Quant Time: May 04 04:05:20 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	101745	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	417475	20.00	ng		0.00
38) Acenaphthene-d10	12.57	164	170411	20.00	ng		-0.01
63) Phenanthrene-d10	14.98	188	312045	20.00	ng		0.00
75) Chrysene-d12	18.64	240	195749	20.00	ng		-0.01
86) Perylene-d12	20.30	264	194900	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	666448	109.21	ng		0.00
7) Phenol-d6	7.28	99	834404	113.95	ng		0.00
23) Nitrobenzene-d5	8.62	82	520062	78.55	ng		-0.01
41) 2,4,6-Tribromophenol	13.87	330	171397	122.81	ng		-0.01
44) 2-Fluorobiphenyl	11.52	172	963848	81.41	ng		0.00
78) Terphenyl-d14	17.30	244	661900	74.48	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	93704	31.31	ng		97
3) Pyridine	2.82	79	203586	29.35	ng		96
4) n-Nitrosodimethylamine	2.74	42	100334	34.70	ng		89
6) Aniline	7.23	93	149243	16.14	ng		93
8) 2-Chlorophenol	7.42	128	263759	37.97	ng		95
9) Benzaldehyde	7.04	77	43236	9.67	ng		92
10) Phenol	7.30	94	308108	39.93	ng		90
11) bis(2-Chloroethyl)ether	7.37	93	230992	36.26	ng		95
12) 1,3-Dichlorobenzene	7.63	146	285965	36.29	ng		99
13) 1,4-Dichlorobenzene	7.75	146	293901	36.78	ng		97
14) 1,2-Dichlorobenzene	7.99	146	277919	37.26	ng		95
15) Benzyl Alcohol	8.01	79	209655	44.52	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	317303	35.19	ng	#	38
17) 2-Methylphenol	8.22	107	220595	38.81	ng	#	94
18) Hexachloroethane	8.51	117	97444	36.00	ng	#	85
19) n-Nitroso-di-n-propylamine	8.44	70	183017	36.96	ng		94
20) 3+4-Methylphenols	8.48	107	292675	37.89	ng	#	59
22) Acetophenone	8.40	105	370515	36.99	ng	#	84
24) Nitrobenzene	8.65	77	265356	38.24	ng		96
25) Isophorone	9.05	82	449391	38.01	ng		95
26) 2-Nitrophenol	9.16	139	149388	39.90	ng		98
27) 2,4-Dimethylphenol	9.30	122	232253	38.36	ng		98
28) bis(2-Chloroethoxy)methane	9.42	93	296912	36.31	ng		99
29) 2,4-Dichlorophenol	9.58	162	232441	40.66	ng		100
30) 1,2,4-Trichlorobenzene	9.67	180	219542	35.85	ng		98
31) Naphthalene	9.78	128	768041	36.60	ng		100
32) Benzoic acid	9.55	122	65226	19.75	ng		96
33) 4-Chloroaniline	9.93	127	65854	8.42	ng	#	94
34) Hexachlorobutadiene	10.00	225	111385	34.47	ng		98
35) Caprolactam	10.53	113	67686m	39.43	ng		
36) 4-Chloro-3-methylphenol	10.77	107	226555	37.07	ng		90
37) 2-Methylnaphthalene	10.91	142	491101	35.66	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	206913	39.48	ng		99
40) Hexachlorocyclopentadiene	11.17	237	112891	53.42	ng		95

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	149991	42.87	ng		97
43) 2,4,5-Trichlorophenol	11.48	196	148997	39.62	ng		96
45) 1,1'-Biphenyl	11.67	154	570331	39.75	ng		98
46) 2-Chloronaphthalene	11.68	162	446978	38.58	ng		95
47) 2-Nitroaniline	11.90	65	116574	36.76	ng	#	75
48) Acenaphthylene	12.34	152	679861	37.47	ng		99
49) Dimethylphthalate	12.22	163	577405	41.27	ng		99
50) 2,6-Dinitrotoluene	12.31	165	112194	39.31	ng		96
51) Acenaphthene	12.63	154	400221	36.93	ng		99
52) 3-Nitroaniline	12.57	138	58751	19.18	ng	#	88
53) 2,4-Dinitrophenol	12.77	184	92933	60.75	ng	#	66
54) Dibenzofuran	12.91	168	608706	40.59	ng		100
55) 4-Nitrophenol	12.95	139	142286	77.33	ng	#	73
56) 2,4-Dinitrotoluene	12.97	165	146277	39.89	ng	#	90
57) Fluorene	13.47	166	503963	38.64	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	105266	44.48	ng	#	96
59) Diethylphthalate	13.37	149	498259	37.16	ng		98
60) 4-Chlorophenyl-phenylether	13.49	204	220003	38.38	ng		91
61) 4-Nitroaniline	13.57	138	100699	35.81	ng		95
62) Azobenzene	13.75	77	466345	43.28	ng		94
64) 4,6-Dinitro-2-methylphenol	13.62	198	76028	36.34	ng	#	72
65) n-Nitrosodiphenylamine	13.70	169	430966	38.05	ng		99
66) 4-Bromophenyl-phenylether	14.28	248	123455	37.45	ng		95
67) Hexachlorobenzene	14.36	284	119967	35.51	ng	#	85
68) Atrazine	14.62	200	124531	38.94	ng		97
69) Pentachlorophenol	14.71	266	112311	73.99	ng		99
70) Phenanthrene	15.01	178	693493	38.68	ng		98
71) Anthracene	15.09	178	706096	38.55	ng		98
72) Carbazole	15.37	167	634396	38.07	ng		97
73) Di-n-butylphthalate	15.95	149	780968	37.58	ng		98
74) Fluoranthene	16.75	202	752873	40.94	ng		100
76) Benzidine	16.98	184	34271	12.17	ng		94
77) Pyrene	17.05	202	732142	50.01	ng		98
79) Butylbenzylphthalate	17.96	149	283061	41.57	ng	#	85
80) Benzo(a)anthracene	18.63	228	495397	43.48	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	76139	19.35	ng	#	94
82) Chrysene	18.67	228	454534	41.26	ng		99
83) Bis(2-ethylhexyl)phthalate	18.71	149	365369	37.66	ng	#	100
84) Di-n-octyl phthalate	19.48	149	625016	39.29	ng		97
85) Indeno(1,2,3-cd)pyrene	21.59	276	449216	50.22	ng		99
87) Benzo(b)fluoranthene	19.90	252	510801	42.41	ng		98
88) Benzo(k)fluoranthene	19.93	252	449869m	38.73	ng		
89) Benzo(a)pyrene	20.25	252	446847	40.21	ng		99
90) Dibenzo(a,h)anthracene	21.60	278	363246	39.58	ng		98
91) Benzo(g,h,i)perylene	21.97	276	363259	40.33	ng		98

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

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