Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
Data File : BF095229.D
Acq On : 18 May 2017 18:49
Operator : SJ/MA
Sample : I3140-18MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-25-6MS

Manual Integrations APPROVED
mohammad
5/19/2017 3:40:01 PM

Quant Time: May 19 08:26:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	98889	20.00	ng		0.01
21) Naphthalene-d8	9.78	136	401139	20.00	ng		0.00
38) Acenaphthene-d10	12.62	164	186737	20.00	ng		0.00
63) Phenanthrene-d10	15.02	188	336367	20.00	ng		0.00
75) Chrysene-d12	18.69	240	226685	20.00	ng		0.00
86) Perylene-d12	20.37	264	129052	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.77	112	778284	131.21	ng		0.03
7) Phenol-d6	7.32	99	903718	126.98	ng		0.01
23) Nitrobenzene-d5	8.68	82	597494	93.93	ng		0.00
41) 2,4,6-Tribromophenol	13.92	330	220208	143.99	ng		0.00
44) 2-Fluorobiphenyl	11.56	172	1179727	90.93	ng		0.00
78) Terphenyl-d14	17.35	244	1014426	98.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	95572	32.85	ng	#	83
3) Pyridine	3.10	79	152583m	22.63	ng		
4) n-Nitrosodimethylamine	2.98	42	95674	34.04	ng	#	76
6) Aniline	7.30	93	112319	12.50	ng		97
8) 2-Chlorophenol	7.47	128	300633	44.53	ng		95
9) Benzaldehyde	7.11	77	73450	16.90	ng		99
10) Phenol	7.34	94	288681	38.49	ng		92
11) bis(2-Chloroethyl)ether	7.41	93	266297	43.01	ng		94
12) 1,3-Dichlorobenzene	7.68	146	296202	38.68	ng		98
13) 1,4-Dichlorobenzene	7.80	146	309360	39.83	ng		97
14) 1,2-Dichlorobenzene	8.04	146	293428	40.48	ng		96
15) Benzyl Alcohol	8.07	79	231810	50.64	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.26	45	362926	41.42	ng		82
17) 2-Methylphenol	8.27	107	246253	44.57	ng		97
18) Hexachloroethane	8.55	117	101170	38.45	ng		87
19) n-Nitroso-di-n-propylamine	8.48	70	219455	45.59	ng		92
20) 3+4-Methylphenols	8.54	107	315569	42.03	ng	#	59
22) Acetophenone	8.45	105	438322	45.54	ng	#	84
24) Nitrobenzene	8.71	77	302889	45.43	ng		94
25) Isophorone	9.11	82	552877	48.67	ng		95
26) 2-Nitrophenol	9.21	139	170429	47.37	ng		96
27) 2,4-Dimethylphenol	9.34	122	268152	46.10	ng		98
28) bis(2-Chloroethoxy)methane	9.47	93	347116	44.17	ng		99
29) 2,4-Dichlorophenol	9.64	162	248407	45.23	ng		99
30) 1,2,4-Trichlorobenzene	9.71	180	252319	42.88	ng		98
31) Naphthalene	9.82	128	897154	44.50	ng		99
32) Benzoic acid	9.69	122	153323	40.98	ng		96
33) 4-Chloroaniline	10.02	127	36691	4.88	ng	#	94
34) Hexachlorobutadiene	10.04	225	127198	40.97	ng		98
35) Caprolactam	10.62	113	63333m	38.40	ng		
36) 4-Chloro-3-methylphenol	10.82	107	274759	46.79	ng		87
37) 2-Methylnaphthalene	10.95	142	642704	48.57	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	246522	42.93	ng		99
40) Hexachlorocyclopentadiene	11.20	237	160457	67.49	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	179553	46.83	ng		97
43) 2,4,5-Trichlorophenol	11.55	196	170691	41.42	ng	#	93
45) 1,1'-Biphenyl	11.71	154	709288	45.11	ng		98
46) 2-Chloronaphthalene	11.73	162	553048	43.56	ng		95
47) 2-Nitroaniline	11.95	65	150821	43.41	ng		88
48) Acenaphthylene	12.39	152	887646	44.64	ng		99
49) Dimethylphthalate	12.27	163	667677	43.55	ng		99
50) 2,6-Dinitrotoluene	12.36	165	149185	47.70	ng		96
51) Acenaphthene	12.67	154	527910	44.45	ng		100
52) 3-Nitroaniline	12.65	138	41775	12.44	ng		83
53) 2,4-Dinitrophenol	12.84	184	152641	87.94	ng	#	68
54) Dibenzofuran	12.96	168	811079	49.35	ng		99
55) 4-Nitrophenol	13.03	139	138804	68.85	ng	#	67
56) 2,4-Dinitrotoluene	13.02	165	196916	49.00	ng	#	87
57) Fluorene	13.52	166	642790	44.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	126455	48.76	ng		95
59) Diethylphthalate	13.41	149	637000	43.35	ng		98
60) 4-Chlorophenyl-phenylether	13.54	204	286816	45.67	ng		91
61) 4-Nitroaniline	13.64	138	90196	29.27	ng		96
62) Azobenzene	13.79	77	581769	49.27	ng		94
64) 4,6-Dinitro-2-methylphenol	13.69	198	103322	45.82	ng	#	65
65) n-Nitrosodiphenylamine	13.75	169	453293	37.13	ng		99
66) 4-Bromophenyl-phenylether	14.32	248	162705	45.78	ng		99
67) Hexachlorobenzene	14.41	284	162552	44.63	ng	#	88
68) Atrazine	14.67	200	71791	20.83	ng		98
69) Pentachlorophenol	14.77	266	134844	81.75	ng		93
70) Phenanthrene	15.07	178	876849	45.37	ng		98
71) Anthracene	15.15	178	861520	43.64	ng		98
72) Carbazole	15.42	167	661656	36.84	ng		97
73) Di-n-butylphthalate	15.99	149	986902	44.06	ng		98
74) Fluoranthene	16.80	202	882094	44.49	ng		100
77) Pyrene	17.11	202	870860	51.37	ng		98
79) Butylbenzylphthalate	18.00	149	398124	50.49	ng		87
80) Benzo(a)anthracene	18.68	228	608808	46.15	ng		98
81) 3,3'-Dichlorobenzidine	18.67	252	17745	3.89	ng	#	96
82) Chrysene	18.72	228	600794	47.10	ng		98
83) Bis(2-ethylhexyl)phthalate	18.75	149	569078	50.65	ng	#	98
84) Di-n-octyl phthalate	19.51	149	890061	48.32	ng		95
85) Indeno(1,2,3-cd)pyrene	21.70	276	440148	42.49	ng		99
87) Benzo(b)fluoranthene	19.96	252	405255	50.82	ng		99
88) Benzo(k)fluoranthene	19.99	252	454664	59.11	ng	#	94
89) Benzo(a)pyrene	20.31	252	391811	53.25	ng		99
90) Dibenzo(a,h)anthracene	21.70	278	354455	58.33	ng		99
91) Benzo(g,h,i)perylene	22.08	276	399237	66.95	ng		95

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

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