Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095163.D
Acq On : 16 May 2017 18:53
Operator : SJ/MA
Sample : I3139-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-U10-ESWMS

Manual Integrations APPROVED
mohammad
5/17/2017 5:48:53 PM

Quant Time: May 17 07:25:30 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	7.78	152	92971	20.00	ng		0.05
21) Naphthalene-d8	9.79	136	390881	20.00	ng		0.04
38) Acenaphthene-d10	12.62	164	182607	20.00	ng		0.04
63) Phenanthrene-d10	15.03	188	319834	20.00	ng		0.05
75) Chrysene-d12	18.69	240	204423	20.00	ng		0.04
86) Perylene-d12	20.36	264	162515	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	873217	156.59	ng		0.08
7) Phenol-d6	7.33	99	1072471	160.29	ng		0.05
23) Nitrobenzene-d5	8.68	82	577689	93.20	ng		0.05
41) 2,4,6-Tribromophenol	13.93	330	211996	141.76	ng		0.05
44) 2-Fluorobiphenyl	11.57	172	1278851	100.80	ng		0.04
78) Terphenyl-d14	17.35	244	936539	100.91	ng		0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	110503	40.41	ng		94
3) Pyridine	3.01	79	295245m	46.58	ng		
4) n-Nitrosodimethylamine	2.94	42	125783m	47.61	ng		
6) Aniline	7.29	93	324579	38.43	ng		95
8) 2-Chlorophenol	7.47	128	347128	54.69	ng		98
9) Benzaldehyde	7.11	77	142364	34.85	ng		99
10) Phenol	7.35	94	394216	55.91	ng		89
11) bis(2-Chloroethyl)ether	7.42	93	300778	51.67	ng		96
12) 1,3-Dichlorobenzene	7.68	146	367790	51.08	ng		99
13) 1,4-Dichlorobenzene	7.81	146	373858	51.20	ng		97
14) 1,2-Dichlorobenzene	8.04	146	355585	52.17	ng		95
15) Benzyl Alcohol	8.07	79	268801	62.46	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.27	45	399500	48.49	ng		53
17) 2-Methylphenol	8.27	107	277140	53.35	ng		93
18) Hexachloroethane	8.55	117	122623	49.58	ng	#	87
19) n-Nitroso-di-n-propylamine	8.49	70	243773	53.87	ng		92
20) 3+4-Methylphenols	8.53	107	367344	52.04	ng	#	59
22) Acetophenone	8.45	105	484210	51.63	ng	#	83
24) Nitrobenzene	8.71	77	295051	45.41	ng		92
25) Isophorone	9.11	82	556655	50.29	ng		95
26) 2-Nitrophenol	9.21	139	181372	51.73	ng		96
27) 2,4-Dimethylphenol	9.35	122	283216	49.96	ng		99
28) bis(2-Chloroethoxy)methane	9.47	93	384009	50.15	ng		98
29) 2,4-Dichlorophenol	9.63	162	289481	54.09	ng		97
30) 1,2,4-Trichlorobenzene	9.72	180	287770	50.19	ng		99
31) Naphthalene	9.83	128	1022768	52.06	ng		99
32) Benzoic acid	9.67	122	138269	38.30	ng		95
33) 4-Chloroaniline	9.99	127	84280	11.51	ng	#	90
34) Hexachlorobutadiene	10.04	225	144996	47.92	ng		97
35) Caprolactam	10.61	113	80518m	50.10	ng		
36) 4-Chloro-3-methylphenol	10.82	107	301954	52.77	ng		89
37) 2-Methylnaphthalene	10.95	142	699838	54.28	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.23	216	257243	45.81	ng		99
40) Hexachlorocyclopentadiene	11.21	237	167483	71.63	ng		98

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.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	11.45	196	196058	52.29	ng		98
43) 2,4,5-Trichlorophenol	11.54	196	194046	48.15	ng		93
45) 1,1'-Biphenyl	11.72	154	794247	51.66	ng		97
46) 2-Chloronaphthalene	11.74	162	620826	50.01	ng		96
47) 2-Nitroaniline	11.95	65	162155	47.72	ng	#	79
48) Acenaphthylene	12.39	152	889088	45.72	ng		99
49) Dimethylphthalate	12.27	163	844735	56.35	ng		99
50) 2,6-Dinitrotoluene	12.37	165	155094	50.71	ng		98
51) Acenaphthene	12.68	154	592290	51.00	ng		99
52) 3-Nitroaniline	12.64	138	80855	24.63	ng		91
53) 2,4-Dinitrophenol	12.84	184	149576	88.11	ng	#	68
54) Dibenzofuran	12.97	168	902442	56.15	ng		99
55) 4-Nitrophenol	13.02	139	179072	90.83	ng	#	77
56) 2,4-Dinitrotoluene	13.03	165	214220	54.51	ng	#	88
57) Fluorene	13.52	166	733078	52.46	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	144312	56.90	ng		96
59) Diethylphthalate	13.42	149	684664	47.65	ng		98
60) 4-Chlorophenyl-phenylether	13.54	204	307582	50.08	ng		90
61) 4-Nitroaniline	13.64	138	125024	41.49	ng		97
62) Azobenzene	13.80	77	660484	57.20	ng		94
64) 4,6-Dinitro-2-methylphenol	13.70	198	103620	48.33	ng	#	66
65) n-Nitrosodiphenylamine	13.75	169	597203	51.45	ng		98
66) 4-Bromophenyl-phenylether	14.33	248	173462	51.34	ng		100
67) Hexachlorobenzene	14.42	284	175705	50.74	ng	#	86
68) Atrazine	14.67	200	165562	50.52	ng		97
69) Pentachlorophenol	14.77	266	138486	87.83	ng		99
70) Phenanthrene	15.07	178	1197500	65.16	ng		98
71) Anthracene	15.15	178	922550	49.15	ng		98
72) Carbazole	15.43	167	899711	52.68	ng		97
73) Di-n-butylphthalate	15.99	149	1139971	53.52	ng		99
74) Fluoranthene	16.81	202	1143174	60.64	ng		99
76) Benzidine	17.02	184	197871	37.47	ng	#	92
77) Pyrene	17.11	202	1000768	65.46	ng		98
79) Butylbenzylphthalate	18.01	149	388445	54.62	ng		92
80) Benzo(a)anthracene	18.68	228	697261	58.61	ng		99
81) 3,3'-Dichlorobenzidine	18.66	252	100547	24.47	ng	#	94
82) Chrysene	18.73	228	633981	55.11	ng		98
83) Bis(2-ethylhexyl)phthalate	18.75	149	590220	58.25	ng	#	99
84) Di-n-octyl phthalate	19.51	149	916780	55.19	ng		96
85) Indeno(1,2,3-cd)pyrene	21.70	276	587961	62.94	ng		99
87) Benzo(b)fluoranthene	19.96	252	559391	55.71	ng		98
88) Benzo(k)fluoranthene	19.99	252	544441	56.21	ng	#	95
89) Benzo(a)pyrene	20.31	252	522486	56.39	ng		99
90) Dibenzo(a,h)anthracene	21.70	278	457861	59.83	ng		96
91) Benzo(g,h,i)perylene	22.08	276	515620	68.66	ng		96

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

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