Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096739.D
Acq On : 13 Jul 2017 20:38
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
7/17/2017 8:11:20 AM

Quant Time: Jul 14 02:23:00 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	104225	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	434155	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	211721	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	349164	20.00	ng		0.00
75) Chrysene-d12	13.77	240	209337	20.00	ng		0.00
86) Perylene-d12	15.15	264	167186	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	532310	76.79	ng		0.00
7) Phenol-d6	6.28	99	631083	75.87	ng		0.00
23) Nitrobenzene-d5	7.20	82	550781	78.58	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	142755	78.99	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1012575	75.56	ng		0.00
78) Terphenyl-d14	12.73	244	847973	70.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	143669	40.280	ng	#	77
3) Pyridine	2.90	79	312366	41.671	ng	#	63
4) n-Nitrosodimethylamine	2.85	42	167944	40.064	ng	#	78
6) Aniline	6.30	93	396624	38.709	ng	#	82
8) 2-Chlorophenol	6.42	128	291448	38.974	ng		98
9) Benzaldehyde	6.17	77	179054	37.242	ng		96
10) Phenol	6.29	94	359296	38.209	ng	#	72
11) bis(2-Chloroethyl)ether	6.37	93	268870	38.022	ng		90
12) 1,3-Dichlorobenzene	6.57	146	310888	39.111	ng		99
13) 1,4-Dichlorobenzene	6.65	146	316092	39.267	ng		95
14) 1,2-Dichlorobenzene	6.80	146	288282	39.373	ng		98
15) Benzyl Alcohol	6.78	79	216078	39.677	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.92	45	555892	38.091	ng		92
17) 2-Methylphenol	6.90	107	224828	38.663	ng		98
18) Hexachloroethane	7.15	117	110469	38.701	ng	#	87
19) n-Nitroso-di-n-propylamine	7.06	70	187960	37.506	ng	#	88
20) 3+4-Methylphenols	7.06	107	270040	38.268	ng	#	79
22) Acetophenone	7.05	105	368957	38.023	ng		96
24) Nitrobenzene	7.22	77	285516	39.386	ng		90
25) Isophorone	7.46	82	498662	38.244	ng		95
26) 2-Nitrophenol	7.54	139	160755	39.882	ng		91
27) 2,4-Dimethylphenol	7.59	122	258917	39.045	ng		94
28) bis(2-Chloroethoxy)methane	7.67	93	338368	38.403	ng		97
29) 2,4-Dichlorophenol	7.78	162	234147	39.008	ng		97
30) 1,2,4-Trichlorobenzene	7.86	180	225299	39.477	ng		97
31) Naphthalene	7.94	128	807177	39.246	ng		100
32) Benzoic acid	7.72	122	171265m	40.409	ng		
33) 4-Chloroaniline	7.99	127	324741	39.852	ng		96
34) Hexachlorobutadiene	8.07	225	120071	39.410	ng		97
35) Caprolactam	8.37	113	74035m	38.494	ng		
36) 4-Chloro-3-methylphenol	8.48	107	252059	39.053	ng		88
37) 2-Methylnaphthalene	8.63	142	522411	39.842	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	206425	36.068	ng		99
40) Hexachlorocyclopentadiene	8.79	237	75040	37.673	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	163747	38.787	ng		98
43) 2,4,5-Trichlorophenol	8.95	196	166035	38.996	ng		98
45) 1,1'-Biphenyl	9.10	154	712421	39.234	ng		99
46) 2-Chloronaphthalene	9.12	162	533079	39.869	ng		94
47) 2-Nitroaniline	9.21	65	187139	40.718	ng		96
48) Acenaphthylene	9.53	152	819481	38.466	ng		98
49) Dimethylphthalate	9.40	163	624538	39.176	ng		99
50) 2,6-Dinitrotoluene	9.46	165	138820	40.202	ng	#	76
51) Acenaphthene	9.70	154	468334	37.213	ng		100
52) 3-Nitroaniline	9.62	138	165500	40.459	ng		98
53) 2,4-Dinitrophenol	9.73	184	59777	38.758	ng	#	69
54) Dibenzofuran	9.87	168	670339	38.010	ng		99
55) 4-Nitrophenol	9.79	139	121517	40.662	ng	#	72
56) 2,4-Dinitrotoluene	9.86	165	174249	39.271	ng	#	81
57) Fluorene	10.22	166	503511	38.636	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	116691	39.518	ng		99
59) Diethylphthalate	10.10	149	596514	38.437	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	208547	36.790	ng		97
61) 4-Nitroaniline	10.23	138	157390	40.973	ng		92
62) Azobenzene	10.37	77	533637	38.977	ng		93
64) 4,6-Dinitro-2-methylphenol	10.27	198	91514	41.744	ng		92
65) n-Nitrosodiphenylamine	10.33	169	480221	38.475	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	139532	39.141	ng		97
67) Hexachlorobenzene	10.76	284	150434	37.889	ng	#	85
68) Atrazine	10.86	200	142262	40.007	ng		93
69) Pentachlorophenol	10.96	266	83253	43.405	ng		97
70) Phenanthrene	11.17	178	733493	38.635	ng		99
71) Anthracene	11.22	178	752642	39.209	ng		99
72) Carbazole	11.37	167	738231	39.714	ng		99
73) Di-n-butylphthalate	11.72	149	891145	38.494	ng		98
74) Fluoranthene	12.35	202	665686	36.632	ng		100
76) Benzidine	12.47	184	302459	44.103	ng		95
77) Pyrene	12.58	202	686255	36.122	ng		99
79) Butylbenzylphthalate	13.21	149	371229	82.250	ng	#	86
80) Benzo(a)anthracene	13.76	228	523445	40.131	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	190072	40.524	ng		95
82) Chrysene	13.80	228	524295	40.831	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	444867	40.468	ng		98
84) Di-n-octyl phthalate	14.38	149	772023	42.486	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.46	276	404363	34.567	ng		99
87) Benzo(b)fluoranthene	14.77	252	421046	41.757	ng		97
88) Benzo(k)fluoranthene	14.80	252	358967m	37.595	ng		
89) Benzo(a)pyrene	15.10	252	362891	39.239	ng		99
90) Dibenzo(a,h)anthracene	16.48	278	327262	38.458	ng		99
91) Benzo(g,h,i)perylene	16.86	276	354866	38.943	ng		99

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

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