Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110413.D
Acq On : 2 Nov 2018 15:50
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
11/5/2018 10:32:40 AM

Quant Time: Nov 02 22:00:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	90185	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	384451	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	182972	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	344755	20.00	ng		0.00
76) Chrysene-d12	14.14	240	226611	20.00	ng		0.00
87) Perylene-d12	15.66	264	166078	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	455140	82.18	ng		0.00
7) Phenol-d6	6.59	99	574906	81.16	ng		0.00
23) Nitrobenzene-d5	7.53	82	537557	82.93	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	151767	83.74	ng		0.00
45) 2-Fluorobiphenyl	9.32	172	996465	85.52	ng		0.00
79) Terphenyl-d14	13.07	244	1013425	93.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	112171	38.659	ng		91
3) Pyridine	3.59	79	251956	38.987	ng	#	85
4) n-Nitrosodimethylamine	3.55	42	109053	40.277	ng	#	92
6) Aniline	6.62	93	371468	40.256	ng	#	54
8) 2-Chlorophenol	6.75	128	267970	41.969	ng		99
9) Benzaldehyde	6.52	77	159734	38.381	ng		94
10) Phenol	6.60	94	331997	43.846	ng	#	65
11) bis(2-Chloroethyl)ether	6.69	93	250979	40.289	ng		96
12) 1,3-Dichlorobenzene	6.90	146	289909	41.259	ng		99
13) 1,4-Dichlorobenzene	6.97	146	290981	40.946	ng		98
14) 1,2-Dichlorobenzene	7.13	146	272040	41.237	ng		99
15) Benzyl Alcohol	7.10	79	229279	42.084	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	398406	39.999	ng		69
17) 2-Methylphenol	7.20	107	208841	41.041	ng	#	83
18) Hexachloroethane	7.47	117	108257	41.609	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	182628	40.187	ng		96
20) 3+4-Methylphenols	7.36	107	268752	40.859	ng		98
22) Acetophenone	7.37	105	362721	40.946	ng	#	98
24) Nitrobenzene	7.55	77	274205	40.976	ng		93
25) Isophorone	7.78	82	439205	39.751	ng		96
26) 2-Nitrophenol	7.86	139	143567	45.084	ng		94
27) 2,4-Dimethylphenol	7.89	122	209928	39.762	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	300278	40.006	ng		99
29) 2,4-Dichlorophenol	8.10	162	218423	40.949	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	242145	40.529	ng		98
31) Naphthalene	8.26	128	727788	41.074	ng		99
32) Benzoic acid	8.02	122	157306	38.550	ng		98
33) 4-Chloroaniline	8.31	127	322696	40.466	ng		99
34) Hexachlorobutadiene	8.37	225	138349	41.704	ng		99
35) Caprolactam	8.69	113	72984	39.257	ng		90
36) 4-Chloro-3-methylphenol	8.79	107	238210	41.299	ng		98
37) 2-Methylnaphthalene	8.95	142	476981	40.686	ng		100
38) 1-Methylnaphthalene	9.05	142	455714	40.225	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	234596	41.150	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	116320	39.902	ng		100
43) 2,4,6-Trichlorophenol	9.23	196	151291	41.144	ng		95
44) 2,4,5-Trichlorophenol	9.27	196	160811	41.373	ng		97
46) 1,1'-Biphenyl	9.42	154	679777	41.084	ng		99
47) 2-Chloronaphthalene	9.45	162	495887	40.857	ng		98
48) 2-Nitroaniline	9.55	65	153879	41.839	ng		93
49) Acenaphthylene	9.86	152	710035	40.504	ng		99
50) Dimethylphthalate	9.72	163	552846	40.932	ng		99
51) 2,6-Dinitrotoluene	9.79	165	123854	42.571	ng		90
52) Acenaphthene	10.03	154	442945	38.195	ng		97
53) 3-Nitroaniline	9.96	138	141683	40.951	ng		95
54) 2,4-Dinitrophenol	10.07	184	40810	38.232	ng		89
55) Dibenzofuran	10.21	168	656157	40.412	ng		94
56) 4-Nitrophenol	10.12	139	98230	38.361	ng		91
57) 2,4-Dinitrotoluene	10.19	165	161912	43.814	ng		91
58) Fluorene	10.55	166	494394	40.912	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	125516m	39.619	ng		
60) Diethylphthalate	10.41	149	537999	40.805	ng		99
61) 4-Chlorophenyl-phenylether	10.54	204	264597	41.507	ng		94
62) 4-Nitroaniline	10.57	138	141556	41.137	ng		94
63) Azobenzene	10.70	77	530809	40.560	ng		99
65) 4,6-Dinitro-2-methylphenol	10.60	198	67287	42.719	ng		92
66) n-Nitrosodiphenylamine	10.66	169	462897	40.935	ng		96
67) 4-Bromophenyl-phenylether	11.03	248	152297	40.726	ng	#	93
68) Hexachlorobenzene	11.10	284	161372	40.670	ng	#	89
69) Atrazine	11.18	200	145439	40.699	ng		99
70) Pentachlorophenol	11.29	266	92989	40.191	ng		96
71) Phenanthrene	11.52	178	722492	40.051	ng		100
72) Anthracene	11.57	178	728090	40.267	ng		99
73) Carbazole	11.73	167	710055	40.220	ng		99
74) Di-n-butylphthalate	12.03	149	846962	42.478	ng		99
75) Fluoranthene	12.71	202	714850	39.046	ng		99
77) Benzidine	12.83	184	287192	45.521	ng		97
78) Pyrene	12.94	202	737103	45.371	ng		98
80) Butylbenzylphthalate	13.54	149	322705	45.764	ng		96
81) Benzo(a)anthracene	14.13	228	554130	41.235	ng		99
82) 3,3'-Dichlorobenzidine	14.09	252	186802	39.919	ng		99
83) Chrysene	14.17	228	526747	41.268	ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	412625	43.288	ng		97
85) Di-n-octyl phthalate	14.70	149	592639	39.984	ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	398081	37.594	ng		98
88) Benzo(b)fluoranthene	15.20	252	402818	42.002	ng		99
89) Benzo(k)fluoranthene	15.24	252	386604	41.005	ng		99
90) Benzo(a)pyrene	15.60	252	363534	41.195	ng		97
91) Dibenzo(a,h)anthracene	17.24	278	331773	43.572	ng		97
92) Benzo(g,h,i)perylene	17.71	276	335991	44.779	ng		100

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

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