Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110514.D
Acq On : 6 Nov 2018 14:50
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
11/7/2018 2:54:28 PM

Quant Time: Nov 06 15:50:45 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	87318	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	363419	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	174254	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	324375	20.00	ng		0.00
76) Chrysene-d12	14.14	240	229835	20.00	ng		0.00
87) Perylene-d12	15.66	264	154520	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	429280	80.06	ng		0.00
7) Phenol-d6	6.58	99	544225	79.35	ng		0.00
23) Nitrobenzene-d5	7.52	82	513511	83.81	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	138907	80.47	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	966274	87.07	ng		0.00
79) Terphenyl-d14	13.07	244	972203	87.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	97748	34.794	ng		87
3) Pyridine	3.59	79	209448	33.473	ng	#	86
4) n-Nitrosodimethylamine	3.55	42	75635	28.852	ng	#	91
6) Aniline	6.62	93	346464	38.779	ng	#	54
8) 2-Chlorophenol	6.74	128	249082	40.292	ng		95
9) Benzaldehyde	6.51	77	148210	36.217	ng		99
10) Phenol	6.60	94	317105	43.254	ng	#	64
11) bis(2-Chloroethyl)ether	6.69	93	237637	39.399	ng		96
12) 1,3-Dichlorobenzene	6.90	146	274651	40.371	ng		97
13) 1,4-Dichlorobenzene	6.97	146	279974	40.691	ng		99
14) 1,2-Dichlorobenzene	7.13	146	259820	40.677	ng		99
15) Benzyl Alcohol	7.10	79	215027	40.764	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	377025	39.096	ng		70
17) 2-Methylphenol	7.20	107	197394	40.065	ng	#	81
18) Hexachloroethane	7.46	117	103805	41.208	ng		95
19) n-Nitroso-di-n-propylamine	7.36	70	173810	39.502	ng		97
20) 3+4-Methylphenols	7.36	107	255197	40.072	ng		96
22) Acetophenone	7.37	105	344376	41.125	ng		98
24) Nitrobenzene	7.54	77	261063	41.270	ng		97
25) Isophorone	7.77	82	414390	39.676	ng		98
26) 2-Nitrophenol	7.86	139	134501	44.681	ng		95
27) 2,4-Dimethylphenol	7.89	122	197815	39.636	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	285106	40.183	ng		99
29) 2,4-Dichlorophenol	8.10	162	208250	41.302	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	233058	41.265	ng		95
31) Naphthalene	8.26	128	686065	40.960	ng		99
32) Benzoic acid	8.02	122	144382	37.431	ng		91
33) 4-Chloroaniline	8.31	127	304319	40.370	ng		98
34) Hexachlorobutadiene	8.37	225	131422	41.909	ng		100
35) Caprolactam	8.69	113	70273	39.987	ng		93
36) 4-Chloro-3-methylphenol	8.79	107	223344	40.962	ng		97
37) 2-Methylnaphthalene	8.95	142	455798	41.129	ng		98
38) 1-Methylnaphthalene	9.05	142	437135	40.818	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	224672	41.381	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	68948	24.835	ng		97
43) 2,4,6-Trichlorophenol	9.23	196	141637	40.446	ng		94
44) 2,4,5-Trichlorophenol	9.27	196	152854	41.294	ng		97
46) 1,1'-Biphenyl	9.42	154	650932	41.309	ng		100
47) 2-Chloronaphthalene	9.45	162	466683	40.375	ng		98
48) 2-Nitroaniline	9.55	65	144639	41.294	ng		93
49) Acenaphthylene	9.86	152	677008	40.552	ng		99
50) Dimethylphthalate	9.71	163	515757	40.096	ng		99
51) 2,6-Dinitrotoluene	9.79	165	115759	41.779	ng	#	84
52) Acenaphthene	10.03	154	421648	38.177	ng		98
53) 3-Nitroaniline	9.96	138	131127	39.797	ng		94
54) 2,4-Dinitrophenol	10.07	184	38724	38.112	ng		93
55) Dibenzofuran	10.20	168	623239	40.305	ng		97
56) 4-Nitrophenol	10.12	139	92427	37.901	ng		94
57) 2,4-Dinitrotoluene	10.19	165	149348	42.436	ng		89
58) Fluorene	10.55	166	472356	41.044	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.32	232	118251m	39.193	ng		
60) Diethylphthalate	10.41	149	509034	40.540	ng		100
61) 4-Chlorophenyl-phenylether	10.53	204	247528	40.772	ng		99
62) 4-Nitroaniline	10.57	138	131051	39.989	ng		95
63) Azobenzene	10.70	77	499935	40.112	ng		95
65) 4,6-Dinitro-2-methylphenol	10.60	198	62783	42.364	ng		96
66) n-Nitrosodiphenylamine	10.66	169	437461	41.117	ng		96
67) 4-Bromophenyl-phenylether	11.03	248	145424	41.331	ng		94
68) Hexachlorobenzene	11.10	284	152745	40.915	ng	#	91
69) Atrazine	11.18	200	133138	39.597	ng		98
70) Pentachlorophenol	11.29	266	87002	39.966	ng		95
71) Phenanthrene	11.52	178	684959	40.356	ng		100
72) Anthracene	11.57	178	696053	40.914	ng		100
73) Carbazole	11.72	167	673265	40.532	ng		100
74) Di-n-butylphthalate	12.03	149	790425	42.133	ng		99
75) Fluoranthene	12.71	202	688255	39.956	ng		99
77) Benzidine	12.83	184	266975	38.922	ng		97
78) Pyrene	12.94	202	702518	42.636	ng		98
80) Butylbenzylphthalate	13.54	149	308733	43.169	ng		93
81) Benzo(a)anthracene	14.13	228	544697	39.964	ng		100
82) 3,3'-Dichlorobenzidine	14.09	252	179791	37.882	ng		100
83) Chrysene	14.17	228	517071	39.942	ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	396775	41.041	ng		98
85) Di-n-octyl phthalate	14.70	149	587497	39.081	ng		98
86) Indeno(1,2,3-cd)pyrene	17.24	276	352754	32.846	ng		98
88) Benzo(b)fluoranthene	15.21	252	376414	42.185	ng		99
89) Benzo(k)fluoranthene	15.24	252	368898m	42.053	ng		
90) Benzo(a)pyrene	15.60	252	342744	41.744	ng		98
91) Dibenzo(a,h)anthracene	17.24	278	294623	41.587	ng		98
92) Benzo(g,h,i)perylene	17.71	276	296823	42.518	ng		97

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

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