Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110103.D
Acq On : 24 Oct 2018 9:49
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/25/2018 11:13:58 AM

Quant Time: Oct 24 11:15:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	168787	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	723780	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	353214	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	663243	20.00	ng		-0.02
76) Chrysene-d12	14.15	240	504173	20.00	ng		-0.01
87) Perylene-d12	15.67	264	413516	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	806376	77.80	ng		-0.02
7) Phenol-d6	6.59	99	1025328	77.34	ng		-0.02
23) Nitrobenzene-d5	7.53	82	962321	78.86	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	268153	76.64	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1732970	77.04	ng		-0.01
79) Terphenyl-d14	13.09	244	1800221	74.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	212709	39.170	ng		93
3) Pyridine	3.58	79	492759	40.740	ng		86
4) n-Nitrosodimethylamine	3.55	42	198035	39.080	ng	#	95
6) Aniline	6.63	93	685573	39.697	ng	#	54
8) 2-Chlorophenol	6.75	128	470076	39.338	ng		99
9) Benzaldehyde	6.52	77	295514	37.775	ng		98
10) Phenol	6.60	94	548599	38.712	ng	#	65
11) bis(2-Chloroethyl)ether	6.70	93	454958	39.022	ng		93
12) 1,3-Dichlorobenzene	6.90	146	514052	39.089	ng		98
13) 1,4-Dichlorobenzene	6.98	146	515331	38.746	ng		98
14) 1,2-Dichlorobenzene	7.14	146	478481	38.753	ng		97
15) Benzyl Alcohol	7.10	79	404238	39.644	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	737207	39.547	ng		68
17) 2-Methylphenol	7.20	107	373799	39.250	ng	#	81
18) Hexachloroethane	7.48	117	187054	38.414	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	332856	39.135	ng		96
20) 3+4-Methylphenols	7.36	107	481611	39.123	ng		97
22) Acetophenone	7.37	105	642965	38.553	ng		98
24) Nitrobenzene	7.55	77	494109	39.220	ng		93
25) Isophorone	7.79	82	805520	38.725	ng		95
26) 2-Nitrophenol	7.86	139	241307	40.250	ng		95
27) 2,4-Dimethylphenol	7.89	122	384335	38.667	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	547164	38.722	ng		99
29) 2,4-Dichlorophenol	8.10	162	391903	39.027	ng		96
30) 1,2,4-Trichlorobenzene	8.19	180	432595	38.459	ng		95
31) Naphthalene	8.27	128	1285099	38.524	ng		100
32) Benzoic acid	8.02	122	311063m	40.491	ng		
33) 4-Chloroaniline	8.32	127	579203	38.580	ng		100
34) Hexachlorobutadiene	8.38	225	243975	39.065	ng		98
35) Caprolactam	8.70	113	139249	39.785	ng		97
36) 4-Chloro-3-methylphenol	8.79	107	426785	39.303	ng		97
37) 2-Methylnaphthalene	8.96	142	848658	38.452	ng		99
38) 1-Methylnaphthalene	9.06	142	822753	38.575	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	414855	37.696	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	216301	38.437	ng		98
43) 2,4,6-Trichlorophenol	9.24	196	271083	38.189	ng		96
44) 2,4,5-Trichlorophenol	9.27	196	292691	39.009	ng		96
46) 1,1'-Biphenyl	9.43	154	1206501	37.773	ng		100
47) 2-Chloronaphthalene	9.46	162	891772	38.062	ng		99
48) 2-Nitroaniline	9.55	65	279405	39.353	ng		93
49) Acenaphthylene	9.87	152	1288193	38.066	ng		98
50) Dimethylphthalate	9.73	163	988363	37.907	ng		100
51) 2,6-Dinitrotoluene	9.79	165	219824	39.140	ng		95
52) Acenaphthene	10.05	154	845869	37.784	ng		97
53) 3-Nitroaniline	9.96	138	257865	38.609	ng		95
54) 2,4-Dinitrophenol	10.06	184	75727	36.951	ng		90
55) Dibenzofuran	10.22	168	1195392	38.138	ng		98
56) 4-Nitrophenol	10.11	139	196866	39.826	ng		96
57) 2,4-Dinitrotoluene	10.19	165	297270	41.671	ng		93
58) Fluorene	10.56	166	877916	37.634	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.33	232	232757m	38.058	ng		
60) Diethylphthalate	10.42	149	969229	38.081	ng		100
61) 4-Chlorophenyl-phenylether	10.55	204	457823	37.203	ng		97
62) 4-Nitroaniline	10.58	138	257387	38.747	ng		93
63) Azobenzene	10.71	77	962218	38.087	ng		96
65) 4,6-Dinitro-2-methylphenol	10.60	198	117184	38.672	ng		92
66) n-Nitrosodiphenylamine	10.67	169	841490	38.681	ng		96
67) 4-Bromophenyl-phenylether	11.04	248	282258	39.234	ng		92
68) Hexachlorobenzene	11.10	284	290250	38.024	ng	#	88
69) Atrazine	11.19	200	262153	38.132	ng		100
70) Pentachlorophenol	11.30	266	185239	41.617	ng		96
71) Phenanthrene	11.53	178	1333286	38.419	ng		100
72) Anthracene	11.58	178	1314237	37.782	ng		100
73) Carbazole	11.73	167	1298240	38.224	ng		100
74) Di-n-butylphthalate	12.05	149	1487130	38.769	ng		99
75) Fluoranthene	12.72	202	1334078	37.878	ng		99
77) Benzidine	12.83	184	589703	38.936	ng		99
78) Pyrene	12.95	202	1388607	38.418	ng		99
80) Butylbenzylphthalate	13.56	149	617906	39.386	ng		95
81) Benzo(a)anthracene	14.14	228	1155193	38.637	ng		100
82) 3,3'-Dichlorobenzidine	14.10	252	394942	37.934	ng		98
83) Chrysene	14.17	228	1069728	37.669	ng		100
84) Bis(2-ethylhexyl)phthalate	14.11	149	825536	38.927	ng	#	95
85) Di-n-octyl phthalate	14.73	149	1287477	39.043	ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	855729	36.323	ng	#	95
88) Benzo(b)fluoranthene	15.22	252	895206	37.489	ng		98
89) Benzo(k)fluoranthene	15.24	252	908981m	38.720	ng		
90) Benzo(a)pyrene	15.60	252	825038	37.548	ng		98
91) Dibenzo(a,h)anthracene	17.24	278	714898	37.707	ng		98
92) Benzo(g,h,i)perylene	17.70	276	698974	37.413	ng		97

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

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