Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110584.D
Acq On : 8 Nov 2018 15:00
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/9/2018 4:26:09 PM

Quant Time: Nov 09 11:45:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 08 14:14:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	78183	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	336674	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	160186	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	300487	20.00	ng		0.00
76) Chrysene-d12	14.13	240	216241	20.00	ng		0.00
87) Perylene-d12	15.66	264	154433	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	394033	81.86	ng		0.00
7) Phenol-d6	6.57	99	498394	80.97	ng		0.00
23) Nitrobenzene-d5	7.52	82	473132	80.93	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	131432	81.43	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	882122	78.65	ng		0.00
79) Terphenyl-d14	13.07	244	914024	79.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	96835	40.378	ng		93
3) Pyridine	3.57	79	216624	41.847	ng	#	86
4) n-Nitrosodimethylamine	3.53	42	95372	42.938	ng		88
6) Aniline	6.61	93	317633	39.572	ng	#	54
8) 2-Chlorophenol	6.73	128	228367	40.472	ng		99
9) Benzaldehyde	6.50	77	132963	40.295	ng		99
10) Phenol	6.59	94	285505	40.003	ng	#	66
11) bis(2-Chloroethyl)ether	6.68	93	213673	39.949	ng		94
12) 1,3-Dichlorobenzene	6.89	146	244616	39.622	ng		98
13) 1,4-Dichlorobenzene	6.96	146	251018	40.039	ng		98
14) 1,2-Dichlorobenzene	7.12	146	234323	40.178	ng		98
15) Benzyl Alcohol	7.09	79	198803	41.274	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	343902	40.942	ng		68
17) 2-Methylphenol	7.19	107	181377	40.390	ng	#	83
18) Hexachloroethane	7.46	117	91610	39.581	ng		98
19) n-Nitroso-di-n-propylamine	7.36	70	160390	40.823	ng		95
20) 3+4-Methylphenols	7.35	107	235440	40.842	ng	#	88
22) Acetophenone	7.36	105	309582	39.455	ng	#	95
24) Nitrobenzene	7.53	77	237949	39.726	ng		96
25) Isophorone	7.77	82	386730	40.361	ng		96
26) 2-Nitrophenol	7.85	139	125280	41.926	ng		99
27) 2,4-Dimethylphenol	7.87	122	183998	40.432	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	263638	40.637	ng		99
29) 2,4-Dichlorophenol	8.09	162	192576	41.126	ng		99
30) 1,2,4-Trichlorobenzene	8.17	180	211857	40.128	ng		95
31) Naphthalene	8.25	128	626126	39.616	ng		99
32) Benzoic acid	8.01	122	141370	43.906	ng		96
33) 4-Chloroaniline	8.30	127	277381	38.746	ng		99
34) Hexachlorobutadiene	8.36	225	120590	39.990	ng		97
35) Caprolactam	8.69	113	65228	41.694	ng		98
36) 4-Chloro-3-methylphenol	8.78	107	207519	41.092	ng		95
37) 2-Methylnaphthalene	8.95	142	417751	40.320	ng		97
38) 1-Methylnaphthalene	9.04	142	397198	39.862	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	203650	40.164	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	68400	38.931	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	131307	41.210	ng		95
44) 2,4,5-Trichlorophenol	9.26	196	138437	40.731	ng		93
46) 1,1'-Biphenyl	9.40	154	596325	39.906	ng		99
47) 2-Chloronaphthalene	9.43	162	434816	40.390	ng		99
48) 2-Nitroaniline	9.53	65	136537	41.157	ng		98
49) Acenaphthylene	9.85	152	626477	40.408	ng		98
50) Dimethylphthalate	9.70	163	482437	40.362	ng		99
51) 2,6-Dinitrotoluene	9.77	165	106575	40.533	ng		97
52) Acenaphthene	10.02	154	391327	39.940	ng		98
53) 3-Nitroaniline	9.95	138	126423	41.502	ng		87
54) 2,4-Dinitrophenol	10.06	184	36947	37.903	ng		87
55) Dibenzofuran	10.20	168	576271	40.201	ng		96
56) 4-Nitrophenol	10.10	139	87215	43.155	ng		96
57) 2,4-Dinitrotoluene	10.19	165	142124	41.572	ng		89
58) Fluorene	10.54	166	436401	39.634	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	112334m	42.013	ng		
60) Diethylphthalate	10.40	149	473078	40.007	ng		100
61) 4-Chlorophenyl-phenylether	10.53	204	229299	40.221	ng		97
62) 4-Nitroaniline	10.57	138	125709	40.981	ng		89
63) Azobenzene	10.69	77	465273	40.329	ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	64029	42.280	ng		98
66) n-Nitrosodiphenylamine	10.65	169	409521	40.433	ng		96
67) 4-Bromophenyl-phenylether	11.02	248	135243	40.724	ng	#	91
68) Hexachlorobenzene	11.09	284	141955	40.543	ng		97
69) Atrazine	11.17	200	121355	39.186	ng		98
70) Pentachlorophenol	11.29	266	79197	42.390	ng		97
71) Phenanthrene	11.51	178	634938	39.441	ng		100
72) Anthracene	11.56	178	650184	40.037	ng		99
73) Carbazole	11.72	167	628994	40.331	ng		99
74) Di-n-butylphthalate	12.03	149	741401	40.538	ng		98
75) Fluoranthene	12.70	202	647714	40.131	ng		98
77) Benzidine	12.82	184	299700	50.398	ng		98
78) Pyrene	12.93	202	664667	39.920	ng		99
80) Butylbenzylphthalate	13.53	149	291127	40.624	ng		96
81) Benzo(a)anthracene	14.12	228	519541	40.197	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	173657	40.108	ng		99
83) Chrysene	14.16	228	490075	39.799	ng		99
84) Bis(2-ethylhexyl)phthalate	14.08	149	368192	41.416	ng		97
85) Di-n-octyl phthalate	14.70	149	541904	41.452	ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	352804	39.927	ng		98
88) Benzo(b)fluoranthene	15.20	252	368520	39.889	ng		100
89) Benzo(k)fluoranthene	15.23	252	372978m	40.857	ng		
90) Benzo(a)pyrene	15.59	252	339442	40.438	ng		98
91) Dibenzo(a,h)anthracene	17.23	278	294380	41.442	ng		99
92) Benzo(g,h,i)perylene	17.70	276	295807	41.971	ng		98

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

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