Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109724.D
Acq On : 10 Oct 2018 4:52
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/10/2018 11:37:20 AM

Quant Time: Oct 10 09:06:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	72696	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	281614	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	111677	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	197445	20.00	ng		0.00
75) Chrysene-d12	13.83	240	207572	20.00	ng		0.00
86) Perylene-d12	15.22	264	183703	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	351218	85.76	ng		-0.01
7) Phenol-d6	6.35	99	444823	81.30	ng		0.00
23) Nitrobenzene-d5	7.26	82	421108	82.43	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	89089	73.21	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	717306	88.46	ng		0.00
78) Terphenyl-d14	12.78	244	689173	64.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	94179	43.816	ng		99
3) Pyridine	3.05	79	166806	37.616	ng		98
4) n-Nitrosodimethylamine	2.99	42	57178	35.723	ng		97
6) Aniline	6.36	93	254834	39.985	ng		97
8) 2-Chlorophenol	6.49	128	206389	40.976	ng		99
9) Benzaldehyde	6.25	77	143199	40.674	ng		98
10) Phenol	6.36	94	236698	37.729	ng		97
11) bis(2-Chloroethyl)ether	6.43	93	238889	45.930	ng		99
12) 1,3-Dichlorobenzene	6.64	146	230097	39.941	ng		99
13) 1,4-Dichlorobenzene	6.72	146	256812	40.895	ng		99
14) 1,2-Dichlorobenzene	6.87	146	229700	41.650	ng		98
15) Benzyl Alcohol	6.85	79	135716	33.461	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.97	45	268601	38.947	ng		96
17) 2-Methylphenol	6.96	107	152695	38.335	ng	#	89
18) Hexachloroethane	7.20	117	80824	36.412	ng		92
19) n-Nitroso-di-n-propylamine	7.12	70	141687	36.929	ng		99
20) 3+4-Methylphenols	7.12	107	175739	35.806	ng	#	88
22) Acetophenone	7.11	105	279715	41.074	ng	#	98
24) Nitrobenzene	7.28	77	219347	41.262	ng		99
25) Isophorone	7.52	82	325745	38.398	ng		99
26) 2-Nitrophenol	7.60	139	94989	38.201	ng		98
27) 2,4-Dimethylphenol	7.65	122	137045	38.167	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	224811	39.178	ng		98
29) 2,4-Dichlorophenol	7.85	162	155334	38.568	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	178597	40.057	ng		100
31) Naphthalene	8.00	128	542718	41.671	ng		100
32) Benzoic acid	7.76	122	70253	27.365	ng		91
33) 4-Chloroaniline	8.06	127	222088	38.723	ng		98
34) Hexachlorobutadiene	8.12	225	115013	41.488	ng		98
35) Caprolactam	8.42	113	41621	34.603	ng		98
36) 4-Chloro-3-methylphenol	8.54	107	153650	36.141	ng		97
37) 2-Methylnaphthalene	8.69	142	307986	36.101	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	165999	43.667	ng		99
40) Hexachlorocyclopentadiene	8.85	237	8078	11.619	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	88215	38.818	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	105554	40.397	ng		99
45) 1,1'-Biphenyl	9.15	154	431711	43.272	ng		100
46) 2-Chloronaphthalene	9.17	162	312017	41.745	ng		99
47) 2-Nitroaniline	9.27	65	94864	41.916	ng		96
48) Acenaphthylene	9.59	152	437873	40.184	ng		99
49) Dimethylphthalate	9.45	163	346414	42.295	ng		100
50) 2,6-Dinitrotoluene	9.52	165	70113	39.491	ng		94
51) Acenaphthene	9.76	154	250314	38.751	ng		99
52) 3-Nitroaniline	9.69	138	80643	40.521	ng		100
53) 2,4-Dinitrophenol	9.86	184	3938m	6.875	ng		
54) Dibenzofuran	9.93	168	386276	39.893	ng		99
55) 4-Nitrophenol	9.87	139	26861	24.658	ng		93
56) 2,4-Dinitrotoluene	9.92	165	84696	38.227	ng		100
57) Fluorene	10.27	166	277265	38.344	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	85257	40.139	ng		93
59) Diethylphthalate	10.15	149	326128	40.187	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	153455	40.227	ng		99
61) 4-Nitroaniline	10.30	138	74673	40.515	ng		99
62) Azobenzene	10.42	77	313866	38.086	ng		98
64) 4,6-Dinitro-2-methylphenol	10.33	198	9462	9.846	ng	#	78
65) n-Nitrosodiphenylamine	10.39	169	271934	40.627	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	93896	41.388	ng		96
67) Hexachlorobenzene	10.82	284	94589	38.503	ng		99
68) Atrazine	10.91	200	78778	37.713	ng		99
69) Pentachlorophenol	11.02	266	52284	37.822	ng		98
70) Phenanthrene	11.23	178	377672	38.222	ng		99
71) Anthracene	11.28	178	416515	40.778	ng		98
72) Carbazole	11.44	167	410701	41.458	ng		100
73) Di-n-butylphthalate	11.76	149	470750	40.971	ng		99
74) Fluoranthene	12.41	202	452042	43.792	ng		99
76) Benzidine	12.54	184	245561	31.846	ng		98
77) Pyrene	12.63	202	489033m	32.156	ng		
79) Butylbenzylphthalate	13.25	149	220819	33.490	ng		95
80) Benzo(a)anthracene	13.82	228	441533	38.546	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	193791	42.016	ng		98
82) Chrysene	13.86	228	473400	39.346	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	298653	37.126	ng		98
84) Di-n-octyl phthalate	14.42	149	574388	45.173	ng		99
85) Indeno(1,2,3-cd)pyrene	16.57	276	331507	38.494	ng		99
87) Benzo(b)fluoranthene	14.83	252	371583	36.603	ng		98
88) Benzo(k)fluoranthene	14.86	252	426011	41.766	ng		100
89) Benzo(a)pyrene	15.17	252	354930	38.527	ng		99
90) Dibenzo(a,h)anthracene	16.58	278	278474	36.806	ng		98
91) Benzo(g,h,i)perylene	16.97	276	265642	35.160	ng		98

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

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