Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
Data File : BF110557.D
Acq On : 7 Nov 2018 16:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/9/2018 1:35:13 PM

Quant Time: Nov 09 10:26:18 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	6.95	152	94448	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	573709	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	338795	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	613975	20.00	ng		0.00
76) Chrysene-d12	14.14	240	373737	20.00	ng		0.00
87) Perylene-d12	15.67	264	285099	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	507180	87.45	ng		0.00
7) Phenol-d6	6.59	99	797337	107.48	ng		0.00
23) Nitrobenzene-d5	7.53	82	801737	82.89	ng		0.00
42) 2,4,6-Tribromophenol	10.80	330	274841	81.90	ng		0.00
45) 2-Fluorobiphenyl	9.32	172	1715414	79.51	ng		0.00
79) Terphenyl-d14	13.08	244	1627499	90.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	116484	38.333	ng		90
3) Pyridine	3.57	79	300326	44.374	ng	#	83
4) n-Nitrosodimethylamine	3.55	42	145931	51.464	ng		89
6) Aniline	6.62	93	489180	50.620	ng	#	54
8) 2-Chlorophenol	6.74	128	328568	49.137	ng		97
9) Benzaldehyde	6.51	77	153472	34.170	ng		98
10) Phenol	6.60	94	453601	57.202	ng	#	68
11) bis(2-Chloroethyl)ether	6.69	93	340866	52.248	ng		97
12) 1,3-Dichlorobenzene	6.89	146	297756	40.463	ng		99
13) 1,4-Dichlorobenzene	6.97	146	301236	40.476	ng		97
14) 1,2-Dichlorobenzene	7.12	146	298277	43.173	ng		98
15) Benzyl Alcohol	7.10	79	351889	61.673	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	570145	54.658	ng		73
17) 2-Methylphenol	7.20	107	312179	58.580	ng	#	84
18) Hexachloroethane	7.46	117	123323	45.260	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	328071	68.933	ng		96
20) 3+4-Methylphenols	7.36	107	412353	59.862	ng	#	89
22) Acetophenone	7.37	105	554863	41.973	ng	#	93
24) Nitrobenzene	7.55	77	400513	40.107	ng		95
25) Isophorone	7.78	82	819922	49.729	ng		97
26) 2-Nitrophenol	7.86	139	227125	47.795	ng		95
27) 2,4-Dimethylphenol	7.89	122	356109	45.199	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	531796	47.478	ng		99
29) 2,4-Dichlorophenol	8.10	162	357581	44.923	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	330269	37.043	ng		97
31) Naphthalene	8.26	128	1051467	39.766	ng		100
32) Benzoic acid	8.06	122	331545	54.447	ng		96
33) 4-Chloroaniline	8.31	127	544618	45.765	ng		99
34) Hexachlorobutadiene	8.36	225	190172	38.415	ng		100
35) Caprolactam	8.73	113	149924m	54.040	ng		
36) 4-Chloro-3-methylphenol	8.80	107	432823	50.285	ng		96
37) 2-Methylnaphthalene	8.95	142	801740	45.828	ng		100
38) 1-Methylnaphthalene	9.05	142	782588m	46.290	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	392566	37.188	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	208199	38.572	ng		99
43) 2,4,6-Trichlorophenol	9.23	196	277975	40.827	ng		96
44) 2,4,5-Trichlorophenol	9.28	196	284540	39.536	ng		93
46) 1,1'-Biphenyl	9.42	154	1202087	39.236	ng		99
47) 2-Chloronaphthalene	9.45	162	863005	38.401	ng		98
48) 2-Nitroaniline	9.55	65	286772	42.110	ng		95
49) Acenaphthylene	9.87	152	1202340	37.042	ng		98
50) Dimethylphthalate	9.72	163	1038685	41.532	ng		100
51) 2,6-Dinitrotoluene	9.79	165	227654	42.260	ng		96
52) Acenaphthene	10.04	154	793458	36.951	ng		97
53) 3-Nitroaniline	9.97	138	254358	39.705	ng		93
54) 2,4-Dinitrophenol	10.07	184	96722	47.488	ng		92
55) Dibenzofuran	10.21	168	1125334	37.431	ng		99
56) 4-Nitrophenol	10.13	139	180187	38.003	ng		97
57) 2,4-Dinitrotoluene	10.20	165	275454	40.256	ng		96
58) Fluorene	10.56	166	883145	39.469	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	229848m	39.182	ng		
60) Diethylphthalate	10.42	149	1008107	41.294	ng		99
61) 4-Chlorophenyl-phenylether	10.54	204	460647	39.026	ng		98
62) 4-Nitroaniline	10.60	138	257130	40.356	ng		90
63) Azobenzene	10.70	77	957960	39.532	ng		96
65) 4,6-Dinitro-2-methylphenol	10.62	198	142100	50.658	ng		98
66) n-Nitrosodiphenylamine	10.66	169	850243	42.220	ng		97
67) 4-Bromophenyl-phenylether	11.03	248	282031	42.348	ng		96
68) Hexachlorobenzene	11.10	284	292540	41.399	ng	#	93
69) Atrazine	11.19	200	242334	38.078	ng		98
70) Pentachlorophenol	11.30	266	173334	42.067	ng		98
71) Phenanthrene	11.52	178	1261293	39.261	ng		100
72) Anthracene	11.57	178	1266969	39.345	ng		100
73) Carbazole	11.73	167	1219101	38.774	ng		100
74) Di-n-butylphthalate	12.04	149	1484022	41.792	ng		99
75) Fluoranthene	12.72	202	1212877	37.200	ng		99
77) Benzidine	12.83	184	252355	18.444	ng		97
78) Pyrene	12.94	202	1244312	46.440	ng		99
80) Butylbenzylphthalate	13.54	149	559001	48.067	ng		99
81) Benzo(a)anthracene	14.13	228	905383	40.850	ng		99
82) 3,3'-Dichlorobenzidine	14.09	252	262232	33.978	ng		99
83) Chrysene	14.17	228	850448	40.400	ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	687665	43.742	ng		99
85) Di-n-octyl phthalate	14.70	149	1023537	41.871	ng		98
86) Indeno(1,2,3-cd)pyrene	17.26	276	698322	39.987	ng		97
88) Benzo(b)fluoranthene	15.22	252	659915	40.084	ng		98
89) Benzo(k)fluoranthene	15.24	252	656443	40.558	ng	#	97
90) Benzo(a)pyrene	15.60	252	618332	40.817	ng		97
91) Dibenzo(a,h)anthracene	17.26	278	575908	44.059	ng		100
92) Benzo(g,h,i)perylene	17.73	276	586298	45.518	ng		98

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

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