Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109677.D
Acq On : 9 Oct 2018 5:24
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 09 08:19:58 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	86081	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	330673	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	133735	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	221367	20.00	ng		0.00
75) Chrysene-d12	13.83	240	174655	20.00	ng		0.00
86) Perylene-d12	15.22	264	156207	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	410324	84.61	ng		0.00
7) Phenol-d6	6.35	99	515829	79.62	ng		0.00
23) Nitrobenzene-d5	7.26	82	480557	80.11	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	105890	72.67	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	837752	86.27	ng		0.00
78) Terphenyl-d14	12.78	244	667049	73.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	110623	43.464	ng		97
3) Pyridine	3.07	79	205920	39.216	ng		97
4) n-Nitrosodimethylamine	3.02	42	70261	37.071	ng		98
6) Aniline	6.37	93	303561	40.224	ng		89
8) 2-Chlorophenol	6.49	128	241413	40.477	ng		97
9) Benzaldehyde	6.25	77	168558	40.432	ng		99
10) Phenol	6.36	94	275682	37.110	ng		95
11) bis(2-Chloroethyl)ether	6.44	93	255679	41.515	ng		98
12) 1,3-Dichlorobenzene	6.64	146	266903	39.126	ng		98
13) 1,4-Dichlorobenzene	6.72	146	293674	39.493	ng		99
14) 1,2-Dichlorobenzene	6.87	146	262156	40.144	ng		99
15) Benzyl Alcohol	6.85	79	181947	37.883	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	301150	36.877	ng		94
17) 2-Methylphenol	6.97	107	174702	37.041	ng		96
18) Hexachloroethane	7.20	117	90969	34.610	ng		94
19) n-Nitroso-di-n-propylamine	7.12	70	161769	35.607	ng		99
20) 3+4-Methylphenols	7.12	107	216499	37.252	ng	#	84
22) Acetophenone	7.11	105	321426	40.197	ng		99
24) Nitrobenzene	7.28	77	255730	40.969	ng		98
25) Isophorone	7.52	82	370086	37.152	ng		98
26) 2-Nitrophenol	7.60	139	117841	40.361	ng		98
27) 2,4-Dimethylphenol	7.65	122	164452	39.005	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	260882	38.719	ng		99
29) 2,4-Dichlorophenol	7.85	162	186343	39.403	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	208852	39.893	ng		98
31) Naphthalene	8.00	128	591031	38.648	ng		99
32) Benzoic acid	7.77	122	67988	22.554	ng		87
33) 4-Chloroaniline	8.06	127	252400	37.479	ng		99
34) Hexachlorobutadiene	8.12	225	128672	39.529	ng		99
35) Caprolactam	8.42	113	50307	35.619	ng		98
36) 4-Chloro-3-methylphenol	8.55	107	182536	36.565	ng		97
37) 2-Methylnaphthalene	8.69	142	371099	37.046	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	198992	43.712	ng		99
40) Hexachlorocyclopentadiene	8.85	237	13903	13.550	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	112898	41.485 ng		97
43) 2,4,5-Trichlorophenol	9.02	196	133067	42.526 ng		98
45) 1,1'-Biphenyl	9.15	154	511098	42.780 ng		100
46) 2-Chloronaphthalene	9.17	162	373111	41.685 ng		99
47) 2-Nitroaniline	9.28	65	111501	41.141 ng		93
48) Acenaphthylene	9.59	152	530105	40.624 ng		100
49) Dimethylphthalate	9.46	163	411362	41.941 ng		99
50) 2,6-Dinitrotoluene	9.52	165	87165	40.998 ng		99
51) Acenaphthene	9.76	154	301134	38.929 ng		99
52) 3-Nitroaniline	9.69	138	97160	40.768 ng		96
53) 2,4-Dinitrophenol	9.82	184	11362	16.564 ng	#	66
54) Dibenzofuran	9.93	168	458857	39.573 ng		96
55) 4-Nitrophenol	9.87	139	38651	29.629 ng		98
56) 2,4-Dinitrotoluene	9.92	165	103152	38.877 ng		97
57) Fluorene	10.27	166	330548	38.173 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	88525	34.804 ng		98
59) Diethylphthalate	10.15	149	392362	40.374 ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	182204	39.885 ng		99
61) 4-Nitroaniline	10.30	138	84616	38.338 ng		95
62) Azobenzene	10.42	77	377192	38.222 ng		99
64) 4,6-Dinitro-2-methylphenol	10.33	198	24331	22.582 ng		94
65) n-Nitrosodiphenylamine	10.39	169	326273	43.478 ng		99
66) 4-Bromophenyl-phenylether	10.75	248	107368	42.212 ng		94
67) Hexachlorobenzene	10.82	284	109873	39.892 ng		97
68) Atrazine	10.91	200	98622	42.110 ng		100
69) Pentachlorophenol	11.02	266	54155	34.942 ng		98
70) Phenanthrene	11.23	178	432832	39.071 ng		99
71) Anthracene	11.28	178	466146	40.706 ng		99
72) Carbazole	11.44	167	440661	39.675 ng		99
73) Di-n-butylphthalate	11.77	149	546611	42.432 ng		99
74) Fluoranthene	12.41	202	450750	38.948 ng		98
76) Benzidine	12.54	184	267149	41.176 ng		97
77) Pyrene	12.63	202	460735	36.005 ng		99
79) Butylbenzylphthalate	13.25	149	214321	38.631 ng		97
80) Benzo(a)anthracene	13.82	228	380811	39.511 ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	164575	42.407 ng		99
82) Chrysene	13.86	228	391388	38.660 ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	287828	42.524 ng		98
84) Di-n-octyl phthalate	14.42	149	496929	46.447 ng		100
85) Indeno(1,2,3-cd)pyrene	16.57	276	296316	40.892 ng		100
87) Benzo(b)fluoranthene	14.83	252	328801	38.090 ng		98
88) Benzo(k)fluoranthene	14.86	252	333038	38.398 ng		99
89) Benzo(a)pyrene	15.17	252	304886	38.920 ng		98
90) Dibenzo(a,h)anthracene	16.58	278	247196	38.423 ng		98
91) Benzo(g,h,i)perylene	16.97	276	235846	36.711 ng		99

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

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