Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110266.D
Acq On : 29 Oct 2018 17:03
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 29 17:31:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	113995	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	475667	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	225973	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	429262	20.00	ng		0.00
76) Chrysene-d12	14.16	240	310827	20.00	ng		0.00
87) Perylene-d12	15.69	264	236285	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	558404	79.77	ng		0.00
7) Phenol-d6	6.59	99	695354	77.66	ng		0.00
23) Nitrobenzene-d5	7.54	82	646054	80.56	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	179893	80.37	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1198570	83.29	ng		0.00
79) Terphenyl-d14	13.09	244	1258163	84.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	139217	37.959	ng		93
3) Pyridine	3.60	79	306450	37.514	ng		86
4) n-Nitrosodimethylamine	3.57	42	134326	39.249	ng		92
6) Aniline	6.63	93	455236	39.030	ng	#	53
8) 2-Chlorophenol	6.76	128	323095	40.034	ng		97
9) Benzaldehyde	6.52	77	196170	36.897	ng		96
10) Phenol	6.61	94	381672	39.878	ng	#	63
11) bis(2-Chloroethyl)ether	6.70	93	302520	38.419	ng		95
12) 1,3-Dichlorobenzene	6.91	146	356744	40.166	ng		99
13) 1,4-Dichlorobenzene	6.99	146	353242	39.325	ng		99
14) 1,2-Dichlorobenzene	7.14	146	331092	39.705	ng		98
15) Benzyl Alcohol	7.11	79	277117	40.240	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.24	45	474715	37.706	ng		69
17) 2-Methylphenol	7.22	107	252563	39.267	ng	#	81
18) Hexachloroethane	7.48	117	130266	39.611	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	223250	38.865	ng		97
20) 3+4-Methylphenols	7.37	107	329838	39.672	ng		98
22) Acetophenone	7.38	105	435318	39.717	ng	#	99
24) Nitrobenzene	7.56	77	334142	40.357	ng		93
25) Isophorone	7.79	82	524505	38.368	ng		95
26) 2-Nitrophenol	7.87	139	170492	43.272	ng		95
27) 2,4-Dimethylphenol	7.90	122	252393	38.638	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	357415	38.487	ng		98
29) 2,4-Dichlorophenol	8.11	162	267464	40.528	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	299905	40.570	ng		96
31) Naphthalene	8.27	128	871956	39.774	ng		100
32) Benzoic acid	8.02	122	151192	29.947	ng		92
33) 4-Chloroaniline	8.32	127	386747	39.198	ng		99
34) Hexachlorobutadiene	8.39	225	169952	41.407	ng		98
35) Caprolactam	8.70	113	89799	39.039	ng		92
36) 4-Chloro-3-methylphenol	8.80	107	282610	39.601	ng		95
37) 2-Methylnaphthalene	8.97	142	576649	39.755	ng		98
38) 1-Methylnaphthalene	9.07	142	554553	39.563	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	284332	40.383	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	126824	35.227	ng		98
43) 2,4,6-Trichlorophenol	9.25	196	182662	40.223	ng		97
44) 2,4,5-Trichlorophenol	9.29	196	194615	40.542	ng		97
46) 1,1'-Biphenyl	9.43	154	808471	39.564	ng		99
47) 2-Chloronaphthalene	9.46	162	596210	39.775	ng		99
48) 2-Nitroaniline	9.56	65	179344	39.483	ng		94
49) Acenaphthylene	9.88	152	857567	39.610	ng		98
50) Dimethylphthalate	9.73	163	666726	39.970	ng		99
51) 2,6-Dinitrotoluene	9.80	165	146079	40.655	ng		91
52) Acenaphthene	10.05	154	535976	37.422	ng		97
53) 3-Nitroaniline	9.97	138	170872	39.990	ng		92
54) 2,4-Dinitrophenol	10.07	184	51220	38.769	ng		92
55) Dibenzofuran	10.22	168	787601	39.276	ng		98
56) 4-Nitrophenol	10.12	139	125821	39.786	ng		97
57) 2,4-Dinitrotoluene	10.20	165	190685	41.781	ng	#	85
58) Fluorene	10.56	166	585241	39.214	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	156946	40.112	ng		94
60) Diethylphthalate	10.43	149	653617	40.141	ng		100
61) 4-Chlorophenyl-phenylether	10.55	204	310035	39.380	ng		96
62) 4-Nitroaniline	10.59	138	170166	40.041	ng		93
63) Azobenzene	10.72	77	632329	39.123	ng		97
65) 4,6-Dinitro-2-methylphenol	10.62	198	79784	40.682	ng		98
66) n-Nitrosodiphenylamine	10.67	169	559115	39.710	ng		96
67) 4-Bromophenyl-phenylether	11.04	248	182530	39.201	ng		93
68) Hexachlorobenzene	11.12	284	196649	39.804	ng		95
69) Atrazine	11.20	200	176018	39.559	ng		100
70) Pentachlorophenol	11.31	266	120860	41.954	ng		97
71) Phenanthrene	11.53	178	870694	38.765	ng		100
72) Anthracene	11.59	178	880411	39.106	ng		99
73) Carbazole	11.74	167	861930	39.211	ng		99
74) Di-n-butylphthalate	12.06	149	1011896	40.759	ng		99
75) Fluoranthene	12.73	202	894556	39.243	ng		100
77) Benzidine	12.84	184	460739	Below Cal			97
78) Pyrene	12.96	202	912976	40.971	ng		99
80) Butylbenzylphthalate	13.56	149	407944	42.178	ng		92
81) Benzo(a)anthracene	14.14	228	732978	39.765	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	253245	39.455	ng		99
83) Chrysene	14.19	228	694036	39.642	ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	526928	40.302	ng		98
85) Di-n-octyl phthalate	14.73	149	799855	39.343	ng		99
86) Indeno(1,2,3-cd)pyrene	17.27	276	528356	36.378	ng		97
88) Benzo(b)fluoranthene	15.23	252	557309	40.845	ng		99
89) Benzo(k)fluoranthene	15.26	252	547187	40.792	ng		98
90) Benzo(a)pyrene	15.62	252	507608	40.430	ng		97
91) Dibenzo(a,h)anthracene	17.28	278	434159	40.076	ng		98
92) Benzo(g,h,i)perylene	17.74	276	429012	40.187	ng		97

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

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