Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106323.D
Acq On : 12 Jun 2018 5:01
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 12 07:24:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	210071	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	827389	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	376308	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	611784	20.00	ng		0.00
75) Chrysene-d12	14.15	240	537633	20.00	ng		0.00
86) Perylene-d12	15.68	264	503640	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	969252	78.09	ng		0.00
7) Phenol-d6	6.60	99	1253489	79.94	ng		0.00
23) Nitrobenzene-d5	7.54	82	1182472	84.08	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	307801	85.01	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1804001	85.20	ng		0.00
78) Terphenyl-d14	13.09	244	1583143	73.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	244347	38.039	ng		97
3) Pyridine	3.58	79	674105	37.658	ng		99
4) n-Nitrosodimethylamine	3.55	42	318883	38.886	ng	#	95
6) Aniline	6.64	93	911577	39.810	ng		99
8) 2-Chlorophenol	6.76	128	547022	40.983	ng		99
9) Benzaldehyde	6.52	77	473982	39.849	ng		98
10) Phenol	6.61	94	668035	39.023	ng		99
11) bis(2-Chloroethyl)ether	6.71	93	594450	40.563	ng		98
12) 1,3-Dichlorobenzene	6.91	146	635035	40.424	ng		98
13) 1,4-Dichlorobenzene	6.99	146	643374	40.358	ng		99
14) 1,2-Dichlorobenzene	7.15	146	596695	39.761	ng		97
15) Benzyl Alcohol	7.11	79	543105	40.442	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	719879	34.268	ng		97
17) 2-Methylphenol	7.21	107	487110	40.904	ng		98
18) Hexachloroethane	7.49	117	206501	36.354	ng	#	89
19) n-Nitroso-di-n-propylamine	7.38	70	442426	37.606	ng		95
20) 3+4-Methylphenols	7.37	107	604585	39.699	ng		89
22) Acetophenone	7.38	105	800141	38.374	ng	#	98
24) Nitrobenzene	7.56	77	625461	40.916	ng		99
25) Isophorone	7.80	82	1081968	39.386	ng		100
26) 2-Nitrophenol	7.87	139	281216	47.395	ng		99
27) 2,4-Dimethylphenol	7.90	122	486795	41.858	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	718550	40.339	ng		98
29) 2,4-Dichlorophenol	8.11	162	474239	42.269	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	507419	40.335	ng		96
31) Naphthalene	8.28	128	1444899	38.631	ng		96
32) Benzoic acid	8.01	122	305283	37.475	ng		93
33) 4-Chloroaniline	8.32	127	664161	40.069	ng		97
34) Hexachlorobutadiene	8.39	225	336949	41.691	ng		99
35) Caprolactam	8.71	113	159454	42.017	ng		97
36) 4-Chloro-3-methylphenol	8.80	107	495293	39.908	ng		98
37) 2-Methylnaphthalene	8.97	142	982287	38.559	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	524587	42.943	ng		97
40) Hexachlorocyclopentadiene	9.12	237	76044	11.283	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	347977	44.699	ng		98
43) 2,4,5-Trichlorophenol	9.28	196	361690	43.097	ng	#	91
45) 1,1'-Biphenyl	9.44	154	1173292	40.254	ng		96
46) 2-Chloronaphthalene	9.46	162	932289	39.969	ng		99
47) 2-Nitroaniline	9.55	65	336329	45.836	ng		93
48) Acenaphthylene	9.88	152	1410786	39.515	ng		95
49) Dimethylphthalate	9.73	163	1148442	42.717	ng	#	97
50) 2,6-Dinitrotoluene	9.80	165	239750	43.657	ng		99
51) Acenaphthene	10.05	154	878539	38.103	ng		98
52) 3-Nitroaniline	9.97	138	286960	44.025	ng		99
53) 2,4-Dinitrophenol	10.07	184	36223	21.433	ng	#	21
54) Dibenzofuran	10.22	168	1211734	39.028	ng	#	92
55) 4-Nitrophenol	10.11	139	191615	38.353	ng		90
56) 2,4-Dinitrotoluene	10.20	165	297566	43.149	ng		96
57) Fluorene	10.57	166	916156	37.243	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	279833	42.069	ng	#	85
59) Diethylphthalate	10.43	149	1109694	41.585	ng	#	93
60) 4-Chlorophenyl-phenylether	10.55	204	524338	40.526	ng		89
61) 4-Nitroaniline	10.58	138	252467	39.811	ng		95
62) Azobenzene	10.71	77	1030882	37.049	ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	77905	26.805	ng		89
65) n-Nitrosodiphenylamine	10.67	169	933607	45.406	ng		98
66) 4-Bromophenyl-phenylether	11.04	248	332435	47.775	ng	#	88
67) Hexachlorobenzene	11.11	284	317009	44.190	ng	#	85
68) Atrazine	11.20	200	290131	45.788	ng		96
69) Pentachlorophenol	11.30	266	203525	46.082	ng		99
70) Phenanthrene	11.53	178	1195028	39.886	ng		96
71) Anthracene	11.58	178	1213543	40.430	ng		97
72) Carbazole	11.73	167	1091495	39.389	ng		97
73) Di-n-butylphthalate	12.05	149	1422431	46.121	ng	#	96
74) Fluoranthene	12.72	202	1215450	38.040	ng		97
76) Benzidine	12.84	184	688797	38.495	ng		99
77) Pyrene	12.95	202	1244762	36.981	ng		97
79) Butylbenzylphthalate	13.56	149	554506	44.010	ng	#	96
80) Benzo(a)anthracene	14.14	228	1286049	40.196	ng		96
81) 3,3'-Dichlorobenzidine	14.10	252	510606	47.301	ng	#	97
82) Chrysene	14.18	228	1187756	40.662	ng		96
83) Bis(2-ethylhexyl)phthalate	14.11	149	776592	42.988	ng		100
84) Di-n-octyl phthalate	14.74	149	1302181	49.999	ng		100
85) Indeno(1,2,3-cd)pyrene	17.24	276	1060744	45.501	ng		94
87) Benzo(b)fluoranthene	15.23	252	1235610	40.586	ng		95
88) Benzo(k)fluoranthene	15.26	252	1228179	40.734	ng	#	95
89) Benzo(a)pyrene	15.62	252	1126862	41.151	ng		97
90) Dibenzo(a,h)anthracene	17.26	278	919299	40.268	ng		95
91) Benzo(g,h,i)perylene	17.72	276	817864	36.863	ng		94

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

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