Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107404.D
Acq On : 16 Jul 2018 15:01
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Jul 16 15:33:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 16 15:31:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	142601	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	536590	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	293937	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	588084	20.00	ng		0.00
75) Chrysene-d12	14.16	240	500999	20.00	ng		0.00
86) Perylene-d12	15.69	264	390603	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	705808	83.81	ng		0.00
7) Phenol-d6	6.60	99	912372	86.75	ng		0.00
23) Nitrobenzene-d5	7.54	82	869697	90.07	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	195653	57.43	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1442454	74.96	ng		0.00
78) Terphenyl-d14	13.10	244	1440936	69.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	175391	40.510	ng		90
3) Pyridine	3.61	79	474537	40.414	ng		91
4) n-Nitrosodimethylamine	3.57	42	201210	40.346	ng		85
6) Aniline	6.64	93	619771	43.445	ng	#	82
8) 2-Chlorophenol	6.77	128	366571	39.686	ng		99
9) Benzaldehyde	6.53	77	375575	52.282	ng		83
10) Phenol	6.61	94	493933	41.154	ng	#	76
11) bis(2-Chloroethyl)ether	6.71	93	395087	39.874	ng		97
12) 1,3-Dichlorobenzene	6.92	146	421666	38.977	ng	#	85
13) 1,4-Dichlorobenzene	7.00	146	443294	40.531	ng	#	90
14) 1,2-Dichlorobenzene	7.15	146	396685	39.575	ng		91
15) Benzyl Alcohol	7.11	79	472244	55.923	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.25	45	444554	34.196	ng		83
17) 2-Methylphenol	7.22	107	342103	43.279	ng	#	87
18) Hexachloroethane	7.50	117	164928	42.881	ng	#	85
19) n-Nitroso-di-n-propylamine	7.39	70	343041	49.485	ng	#	96
20) 3+4-Methylphenols	7.37	107	437308	47.798	ng		90
22) Acetophenone	7.39	105	564365	47.011	ng	#	92
24) Nitrobenzene	7.56	77	482697	48.966	ng	#	82
25) Isophorone	7.80	82	784498	46.108	ng	#	93
26) 2-Nitrophenol	7.88	139	164838	35.422	ng	#	66
27) 2,4-Dimethylphenol	7.90	122	311617	43.323	ng		88
28) bis(2-Chloroethoxy)methane	8.01	93	486925	42.623	ng		98
29) 2,4-Dichlorophenol	8.11	162	328947	43.682	ng		95
30) 1,2,4-Trichlorobenzene	8.20	180	390084	47.023	ng		98
31) Naphthalene	8.28	128	1005605	40.084	ng		99
32) Benzoic acid	8.01	122	194902	40.290	ng	#	79
33) 4-Chloroaniline	8.33	127	448961	42.651	ng	#	85
34) Hexachlorobutadiene	8.40	225	269572	49.871	ng		94
35) Caprolactam	8.71	113	112099	45.667	ng	#	81
36) 4-Chloro-3-methylphenol	8.80	107	436336	55.049	ng	#	78
37) 2-Methylnaphthalene	8.98	142	676456	40.681	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	422417	42.673	ng		99
40) Hexachlorocyclopentadiene	9.12	237	239202	46.967	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	273172	41.516	ng		98
43) 2,4,5-Trichlorophenol	9.28	196	273999	39.907	ng	#	91
45) 1,1'-Biphenyl	9.44	154	924421	39.462	ng		94
46) 2-Chloronaphthalene	9.47	162	738872	40.071	ng		98
47) 2-Nitroaniline	9.56	65	247941	39.987	ng	#	73
48) Acenaphthylene	9.89	152	1054441	36.221	ng		98
49) Dimethylphthalate	9.74	163	875726	39.723	ng	#	99
50) 2,6-Dinitrotoluene	9.80	165	177999	38.130	ng	#	58
51) Acenaphthene	10.06	154	683505	37.285	ng		99
52) 3-Nitroaniline	9.97	138	174441	32.473	ng	#	64
53) 2,4-Dinitrophenol	10.07	184	61595	28.972	ng	#	28
54) Dibenzofuran	10.23	168	1033720	41.181	ng		92
55) 4-Nitrophenol	10.11	139	147923	39.450	ng	#	42
56) 2,4-Dinitrotoluene	10.21	165	230964	37.904	ng	#	83
57) Fluorene	10.57	166	684078	34.342	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.34	232	242035	44.346	ng	#	87
59) Diethylphthalate	10.44	149	855255	40.195	ng		96
60) 4-Chlorophenyl-phenylether	10.56	204	424904	40.769	ng		95
61) 4-Nitroaniline	10.59	138	175779	32.971	ng	#	41
62) Azobenzene	10.72	77	1012925	48.342	ng		90
64) 4,6-Dinitro-2-methylphenol	10.61	198	116760	32.119	ng		95
65) n-Nitrosodiphenylamine	10.68	169	724182	36.611	ng		96
66) 4-Bromophenyl-phenylether	11.05	248	264668	37.710	ng		88
67) Hexachlorobenzene	11.12	284	241174	32.832	ng	#	88
68) Atrazine	11.21	200	272677	43.363	ng		92
69) Pentachlorophenol	11.31	266	198351	54.116	ng		95
70) Phenanthrene	11.54	178	1129497	39.821	ng		96
71) Anthracene	11.59	178	1125769	38.884	ng		97
72) Carbazole	11.74	167	1065550	39.311	ng	#	92
73) Di-n-butylphthalate	12.07	149	1247617	39.069	ng	#	97
74) Fluoranthene	12.73	202	1271444	40.669	ng		94
76) Benzidine	12.85	184	772594	54.148	ng		97
77) Pyrene	12.96	202	1340260	40.568	ng		100
79) Butylbenzylphthalate	13.57	149	519303	38.231	ng	#	79
80) Benzo(a)anthracene	14.15	228	1170931	38.348	ng		98
81) 3,3'-Dichlorobenzidine	14.11	252	399510	37.227	ng		93
82) Chrysene	14.19	228	1136914	40.472	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	702107	40.430	ng		97
84) Di-n-octyl phthalate	14.75	149	1094172	38.654	ng		99
85) Indeno(1,2,3-cd)pyrene	17.26	276	729738	30.611	ng	#	92
87) Benzo(b)fluoranthene	15.24	252	893163	36.810	ng	#	95
88) Benzo(k)fluoranthene	15.27	252	910429	39.401	ng	#	92
89) Benzo(a)pyrene	15.62	252	840721	38.976	ng		99
90) Dibenzo(a,h)anthracene	17.28	278	614770	33.630	ng	#	94
91) Benzo(g,h,i)perylene	17.74	276	578500	32.377	ng	#	89

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

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