Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110073.D
Acq On : 23 Oct 2018 12:13
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Quant Time: Oct 23 13:12:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 12:51:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	167023	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	704612	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	342599	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	660947	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	532343	20.00	ng		-0.01
87) Perylene-d12	15.67	264	436174	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	529250	50.23	ng		-0.02
7) Phenol-d6	6.58	99	669689	51.18	ng		-0.02
23) Nitrobenzene-d5	7.53	82	612185	58.53	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	178447	60.16	ng		-0.02
45) 2-Fluorobiphenyl	9.32	172	1187330	55.30	ng		-0.02
79) Terphenyl-d14	13.09	244	1271099	50.14	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	135380	22.621	ng		93
3) Pyridine	3.59	79	300404	22.515	ng		86
4) n-Nitrosodimethylamine	3.54	42	126178	23.183	ng		94
6) Aniline	6.63	93	440140	24.962	ng	#	52
8) 2-Chlorophenol	6.75	128	308321	26.123	ng		96
9) Benzaldehyde	6.52	77	215076	25.295	ng		98
10) Phenol	6.59	94	357283	25.292	ng	#	65
11) bis(2-Chloroethyl)ether	6.70	93	292886	24.797	ng		96
12) 1,3-Dichlorobenzene	6.90	146	334186	25.821	ng		99
13) 1,4-Dichlorobenzene	6.98	146	335433	25.735	ng		97
14) 1,2-Dichlorobenzene	7.13	146	317390	26.444	ng		98
15) Benzyl Alcohol	7.10	79	262257	26.054	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	476132	24.560	ng		68
17) 2-Methylphenol	7.20	107	238869	25.098	ng	#	82
18) Hexachloroethane	7.48	117	121657	26.412	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	215466	25.648	ng		95
20) 3+4-Methylphenols	7.36	107	319587	26.461	ng	#	88
22) Acetophenone	7.37	105	423816	25.937	ng		98
24) Nitrobenzene	7.55	77	316915	27.890	ng		98
25) Isophorone	7.78	82	513888	25.004	ng		97
26) 2-Nitrophenol	7.86	139	149523	31.737	ng		94
27) 2,4-Dimethylphenol	7.89	122	244986	24.747	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	351423	24.915	ng		97
29) 2,4-Dichlorophenol	8.10	162	254187	26.469	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	284845	26.491	ng		96
31) Naphthalene	8.27	128	845857	26.179	ng		99
32) Benzoic acid	7.99	122	173805	28.178	ng		94
33) 4-Chloroaniline	8.32	127	381161	26.243	ng		99
34) Hexachlorobutadiene	8.38	225	159287	26.864	ng		98
35) Caprolactam	8.68	113	89129	26.133	ng		94
36) 4-Chloro-3-methylphenol	8.79	107	273353	26.982	ng		91
37) 2-Methylnaphthalene	8.96	142	555397	26.546	ng		97
38) 1-Methylnaphthalene	9.06	142	539926	26.632	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	272506	25.824	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	141496	27.781	ng		100
43) 2,4,6-Trichlorophenol	9.24	196	175853	26.651	ng		93
44) 2,4,5-Trichlorophenol	9.27	196	188872	27.580	ng		96
46) 1,1'-Biphenyl	9.43	154	807680	26.460	ng		100
47) 2-Chloronaphthalene	9.46	162	587502	26.130	ng		98
48) 2-Nitroaniline	9.55	65	178731	30.976	ng		98
49) Acenaphthylene	9.87	152	855487	26.191	ng		99
50) Dimethylphthalate	9.72	163	645337	26.602	ng		99
51) 2,6-Dinitrotoluene	9.79	165	142422	30.910	ng		98
52) Acenaphthene	10.05	154	559888	26.924	ng		99
53) 3-Nitroaniline	9.96	138	168256	30.019	ng		94
54) 2,4-Dinitrophenol	10.06	184	45573	38.662	ng	#	87
55) Dibenzofuran	10.22	168	796807	26.868	ng		96
56) 4-Nitrophenol	10.10	139	126575	29.597	ng		96
57) 2,4-Dinitrotoluene	10.19	165	181045	33.435	ng	#	88
58) Fluorene	10.56	166	588212	27.246	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	154737	28.510	ng		96
60) Diethylphthalate	10.42	149	644891	26.915	ng		100
61) 4-Chlorophenyl-phenylether	10.55	204	313541	27.881	ng		95
62) 4-Nitroaniline	10.57	138	165622	31.216	ng		92
63) Azobenzene	10.71	77	639638	25.554	ng		96
65) 4,6-Dinitro-2-methylphenol	10.60	198	70878	33.459	ng		78
66) n-Nitrosodiphenylamine	10.67	169	562522	25.553	ng		97
67) 4-Bromophenyl-phenylether	11.04	248	186080	25.978	ng		92
68) Hexachlorobenzene	11.11	284	196452	25.719	ng		98
69) Atrazine	11.19	200	179820	26.151	ng		99
70) Pentachlorophenol	11.30	266	118222	27.196	ng		97
71) Phenanthrene	11.53	178	897888	26.240	ng		100
72) Anthracene	11.58	178	905649	26.326	ng		98
73) Carbazole	11.73	167	879814	26.023	ng		99
74) Di-n-butylphthalate	12.05	149	1001583	26.545	ng		100
75) Fluoranthene	12.72	202	915381	26.779	ng		98
77) Benzidine	12.84	184	417796	20.469	ng		98
78) Pyrene	12.95	202	939713	24.034	ng		99
80) Butylbenzylphthalate	13.56	149	417187	26.392	ng		97
81) Benzo(a)anthracene	14.14	228	790664	25.215	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	298479	27.152	ng		99
83) Chrysene	14.17	228	758266	25.406	ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	564946	27.161	ng		95
85) Di-n-octyl phthalate	14.73	149	888500	30.299	ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	572171	23.810	ng	#	95
88) Benzo(b)fluoranthene	15.22	252	672199	26.731	ng		98
89) Benzo(k)fluoranthene	15.24	252	619143	24.980	ng	#	97
90) Benzo(a)pyrene	15.60	252	586067	25.341	ng		97
91) Dibenzo(a,h)anthracene	17.24	278	482888	23.560	ng		97
92) Benzo(g,h,i)perylene	17.70	276	453307	21.890	ng		96

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

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