Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120818\
Data File : BF111224.D
Acq On : 8 Dec 2018 12:33
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
12/10/2018 4:58:50 PM

Quant Time: Dec 10 00:59:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 00:12:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	494766	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1846143	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	857831	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1436881	20.00	ng		0.00
76) Chrysene-d12	13.96	240	1038571	20.00	ng		0.00
87) Perylene-d12	15.39	264	1032728	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1551691	48.97	ng		0.00
7) Phenol-d6	6.43	99	2024833	49.74	ng		0.00
23) Nitrobenzene-d5	7.36	82	1827559	58.42	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	425127	61.64	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	3015651	59.11	ng		0.00
79) Terphenyl-d14	12.90	244	2417181	48.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	402580	22.506	ng		99
3) Pyridine	3.25	79	1045809	25.714	ng		99
4) n-Nitrosodimethylamine	3.18	42	448687	22.883	ng		95
6) Aniline	6.46	93	1272030	23.428	ng		97
8) 2-Chlorophenol	6.59	128	925261	25.377	ng		95
9) Benzaldehyde	6.35	77	641068	28.305	ng		99
10) Phenol	6.44	94	1172759m	26.147	ng		
11) bis(2-Chloroethyl)ether	6.53	93	845151	23.247	ng		98
12) 1,3-Dichlorobenzene	6.74	146	998397	25.694	ng		98
13) 1,4-Dichlorobenzene	6.82	146	1009153	25.787	ng		97
14) 1,2-Dichlorobenzene	6.97	146	940419	25.935	ng		98
15) Benzyl Alcohol	6.94	79	786841	24.503	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1616960	23.048	ng		99
17) 2-Methylphenol	7.05	107	696688	23.258	ng		100
18) Hexachloroethane	7.32	117	376471	25.726	ng		99
19) n-Nitroso-di-n-propylamine	7.21	70	624571	22.927	ng		94
20) 3+4-Methylphenols	7.20	107	861359	23.760	ng		99
22) Acetophenone	7.21	105	1109370	25.025	ng	#	90
24) Nitrobenzene	7.38	77	963183	28.662	ng		92
25) Isophorone	7.62	82	1507333	26.354	ng		99
26) 2-Nitrophenol	7.70	139	454019	31.177	ng		94
27) 2,4-Dimethylphenol	7.73	122	712865	26.702	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	1012606	26.139	ng		99
29) 2,4-Dichlorophenol	7.93	162	727488	27.682	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	670487	25.250	ng		98
31) Naphthalene	8.10	128	2233298	27.756	ng		98
32) Benzoic acid	7.83	122	611500	33.492	ng		98
33) 4-Chloroaniline	8.15	127	968358	24.975	ng		97
34) Hexachlorobutadiene	8.23	225	395905	27.472	ng		96
35) Caprolactam	8.51	113	242774	25.114	ng		95
36) 4-Chloro-3-methylphenol	8.63	107	724424	25.302	ng		99
37) 2-Methylnaphthalene	8.80	142	1467753	26.578	ng		99
38) 1-Methylnaphthalene	8.89	142	1460306	27.467	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	616233	26.917	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	348245	28.540	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	481247	28.653	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	504242	29.541	ng		94
46) 1,1'-Biphenyl	9.26	154	1990291	28.399	ng		98
47) 2-Chloronaphthalene	9.28	162	1481064	27.164	ng		97
48) 2-Nitroaniline	9.37	65	471214	26.418	ng		87
49) Acenaphthylene	9.70	152	2171294	28.477	ng		96
50) Dimethylphthalate	9.56	163	1587891	26.641	ng		98
51) 2,6-Dinitrotoluene	9.62	165	358206	28.119	ng		98
52) Acenaphthene	9.87	154	1349598	26.724	ng		99
53) 3-Nitroaniline	9.78	138	465825	29.106	ng		100
54) 2,4-Dinitrophenol	9.88	184	131845	34.875	ng	#	45
55) Dibenzofuran	10.04	168	1938935	27.955	ng		98
56) 4-Nitrophenol	9.93	139	365132	30.106	ng		99
57) 2,4-Dinitrotoluene	10.02	165	457173	27.634	ng	#	99
58) Fluorene	10.38	166	1456407	29.886	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	361746	28.332	ng		99
60) Diethylphthalate	10.26	149	1638089	27.456	ng		97
61) 4-Chlorophenyl-phenylether	10.37	204	729680	30.340	ng		96
62) 4-Nitroaniline	10.39	138	440932	30.232	ng		98
63) Azobenzene	10.53	77	1785410	28.226	ng		96
65) 4,6-Dinitro-2-methylphenol	10.42	198	229131	36.016	ng		98
66) n-Nitrosodiphenylamine	10.49	169	1453127	28.920	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	448619	29.349	ng		93
68) Hexachlorobenzene	10.93	284	454341	29.044	ng		93
69) Atrazine	11.02	200	396176	28.974	ng		98
70) Pentachlorophenol	11.12	266	314598	30.262	ng		98
71) Phenanthrene	11.35	178	1982651	28.711	ng		95
72) Anthracene	11.39	178	2003483	28.774	ng		96
73) Carbazole	11.55	167	2127059	29.314	ng		97
74) Di-n-butylphthalate	11.89	149	2376097	27.996	ng		98
75) Fluoranthene	12.53	202	1965382	28.984	ng		99
77) Benzidine	12.65	184	920327	26.125	ng		98
78) Pyrene	12.76	202	2049784	25.601	ng		97
80) Butylbenzylphthalate	13.38	149	1097398	28.295	ng		97
81) Benzo(a)anthracene	13.94	228	1523281	25.279	ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	650575	28.261	ng		97
83) Chrysene	13.98	228	1609102	26.683	ng		97
84) Bis(2-ethylhexyl)phthalate	13.94	149	1194308	25.600	ng		99
85) Di-n-octyl phthalate	14.56	149	1925010	25.845	ng		98
86) Indeno(1,2,3-cd)pyrene	16.80	276	1061307	21.815	ng		97
88) Benzo(b)fluoranthene	14.97	252	1413855	24.170	ng		98
89) Benzo(k)fluoranthene	15.00	252	1444124	25.646	ng		99
90) Benzo(a)pyrene	15.33	252	1311889	24.479	ng		99
91) Dibenzo(a,h)anthracene	16.82	278	890612	19.829	ng		97
92) Benzo(g,h,i)perylene	17.22	276	856749	18.977	ng		94

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

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