Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111873.D
Acq On : 7 Jan 2019 12:43
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
1/8/2019 11:20:44 AM

Quant Time: Jan 07 13:13:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 12:19:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	163448	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	587417	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	304534	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	516620	20.00	ng		0.00
76) Chrysene-d12	14.06	240	258665	20.00	ng		0.00
87) Perylene-d12	15.53	264	189991	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1039154	108.37	ng		0.00
7) Phenol-d6	6.54	99	1342526	110.01	ng		0.00
23) Nitrobenzene-d5	7.46	82	1320100	130.81	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	425553	118.26	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	2284682	109.35	ng		0.00
79) Terphenyl-d14	13.00	244	2617281	191.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	250033	55.421	ng		100
3) Pyridine	3.44	79	656633	55.866	ng		98
4) n-Nitrosodimethylamine	3.40	42	334120	58.085	ng		98
6) Aniline	6.56	93	818688	52.630	ng	#	81
8) 2-Chlorophenol	6.69	128	599750	56.462	ng		98
9) Benzaldehyde	6.44	77	337117	40.166	ng		98
10) Phenol	6.56	94	750853	54.531	ng		95
11) bis(2-Chloroethyl)ether	6.63	93	580878	56.297	ng		99
12) 1,3-Dichlorobenzene	6.83	146	700927	56.940	ng		97
13) 1,4-Dichlorobenzene	6.91	146	703399	56.342	ng		98
14) 1,2-Dichlorobenzene	7.07	146	652284	56.001	ng		99
15) Benzyl Alcohol	7.04	79	554971	57.261	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	935053	49.205	ng		99
17) 2-Methylphenol	7.16	107	469027	55.144	ng		94
18) Hexachloroethane	7.41	117	250939	59.648	ng		93
19) n-Nitroso-di-n-propylamine	7.32	70	456323	56.305	ng		98
20) 3+4-Methylphenols	7.31	107	589413	54.843	ng		99
22) Acetophenone	7.30	105	878445	59.029	ng		97
24) Nitrobenzene	7.48	77	657086	62.124	ng		99
25) Isophorone	7.72	82	1049599	58.585	ng		99
26) 2-Nitrophenol	7.79	139	331429	77.262	ng		97
27) 2,4-Dimethylphenol	7.83	122	460083	54.408	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	690247	57.897	ng		99
29) 2,4-Dichlorophenol	8.04	162	533948	58.705	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	595028	58.707	ng		99
31) Naphthalene	8.20	128	1616445	57.271	ng		99
32) Benzoic acid	7.98	122	320408	57.307	ng		99
33) 4-Chloroaniline	8.25	127	704209	57.726	ng		95
34) Hexachlorobutadiene	8.32	225	377298	61.079	ng		99
35) Caprolactam	8.64	113	171742	55.724	ng		91
36) 4-Chloro-3-methylphenol	8.74	107	531832	59.484	ng		97
37) 2-Methylnaphthalene	8.89	142	1055136	57.460	ng		99
38) 1-Methylnaphthalene	8.99	142	1027062	58.236	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	576474	57.607	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	358818	73.891	ng		100
43) 2,4,6-Trichlorophenol	9.17	196	383180	57.352	ng		98
44) 2,4,5-Trichlorophenol	9.22	196	388010	56.609	ng		95
46) 1,1'-Biphenyl	9.36	154	1436850	55.893	ng		99
47) 2-Chloronaphthalene	9.38	162	1141586	56.049	ng		97
48) 2-Nitroaniline	9.47	65	372612	70.322	ng		99
49) Acenaphthylene	9.80	152	1706796	57.395	ng		100
50) Dimethylphthalate	9.66	163	1351133	60.671	ng		99
51) 2,6-Dinitrotoluene	9.72	165	303498	68.347	ng		93
52) Acenaphthene	9.97	154	1108273	60.425	ng		98
53) 3-Nitroaniline	9.89	138	325433	68.717	ng		99
54) 2,4-Dinitrophenol	9.99	184	142496	118.916	ng		98
55) Dibenzofuran	10.14	168	1571123	56.699	ng		95
56) 4-Nitrophenol	10.06	139	234632	64.920	ng		94
57) 2,4-Dinitrotoluene	10.12	165	387187	72.548	ng		96
58) Fluorene	10.49	166	1107905	55.486	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	339544	58.865	ng		99
60) Diethylphthalate	10.35	149	1261190	57.733	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	619198	56.129	ng		98
62) 4-Nitroaniline	10.51	138	292855	63.624	ng		95
63) Azobenzene	10.63	77	1223344	55.782	ng		99
65) 4,6-Dinitro-2-methylphenol	10.53	198	209109	108.352	ng		94
66) n-Nitrosodiphenylamine	10.59	169	1090311	62.871	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	412320	64.347	ng		98
68) Hexachlorobenzene	11.03	284	437141	61.186	ng		94
69) Atrazine	11.12	200	327482	54.357	ng		98
70) Pentachlorophenol	11.23	266	256608	58.098	ng		98
71) Phenanthrene	11.44	178	1547911	56.497	ng		99
72) Anthracene	11.50	178	1473458	53.579	ng		100
73) Carbazole	11.65	167	1675194	62.742	ng		99
74) Di-n-butylphthalate	11.97	149	1719483	57.439	ng		99
75) Fluoranthene	12.63	202	1684595	60.718	ng		98
77) Benzidine	12.74	184	697489	71.659	ng		97
78) Pyrene	12.86	202	1797165	98.387	ng		99
80) Butylbenzylphthalate	13.47	149	657485	88.303	ng		94
81) Benzo(a)anthracene	14.05	228	905069	61.311	ng		100
82) 3,3'-Dichlorobenzidine	14.01	252	304228	52.160	ng		99
83) Chrysene	14.09	228	850329	58.608	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	642130	68.466	ng	#	99
85) Di-n-octyl phthalate	14.64	149	856826	58.965	ng		99
86) Indeno(1,2,3-cd)pyrene	17.04	276	667113	54.088	ng		97
88) Benzo(b)fluoranthene	15.10	252	719485	64.796	ng		98
89) Benzo(k)fluoranthene	15.14	252	615608m	58.235	ng		
90) Benzo(a)pyrene	15.48	252	609424	60.411	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	553516	62.659	ng		97
92) Benzo(g,h,i)perylene	17.49	276	541770	62.807	ng		96

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

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