Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113981.D
Acq On : 25 Apr 2019 16:57
Operator : JU/SJ
Sample : K2553-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR200051MS

Manual Integrations APPROVED
Sohil
4/29/2019 5:49:48 AM

Quant Time: Apr 26 05:00:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	112483	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	424203	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	230250	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	484656	20.00	ng		0.00
76) Chrysene-d12	14.06	240	432931	20.00	ng		0.00
87) Perylene-d12	15.56	264	471159	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	783672	119.16	ng		0.00
7) Phenol-d6	6.53	99	1020769	123.71	ng		0.00
23) Nitrobenzene-d5	7.46	82	610851	88.91	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	363892	129.73	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1226908	83.34	ng		0.00
79) Terphenyl-d14	13.00	244	1616458	76.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	110132	35.525	ng		97
3) Pyridine	3.45	79	286347	33.839	ng		99
4) n-Nitrosodimethylamine	3.39	42	108306	37.390	ng		94
6) Aniline	6.56	93	334325	29.507	ng		98
8) 2-Chlorophenol	6.69	128	309996	41.286	ng		95
9) Benzaldehyde	6.44	77	79194	12.397	ng		97
10) Phenol	6.54	94	395210	40.056	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	301488	40.607	ng		98
12) 1,3-Dichlorobenzene	6.84	146	339345	39.905	ng		99
13) 1,4-Dichlorobenzene	6.92	146	347817	40.665	ng		99
14) 1,2-Dichlorobenzene	7.07	146	329132	41.871	ng		98
15) Benzyl Alcohol	7.03	79	245257	44.134	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	336104	38.780	ng		92
17) 2-Methylphenol	7.15	107	279951	42.535	ng		99
18) Hexachloroethane	7.41	117	118926	39.664	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	215778	40.383	ng		96
20) 3+4-Methylphenols	7.30	107	328780	44.214	ng	#	77
22) Acetophenone	7.30	105	427636	45.301	ng		97
24) Nitrobenzene	7.47	77	333419	43.920	ng		98
25) Isophorone	7.72	82	600846	42.741	ng		99
26) 2-Nitrophenol	7.79	139	169221	48.862	ng		99
27) 2,4-Dimethylphenol	7.83	122	270030	47.856	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	377814	42.176	ng		99
29) 2,4-Dichlorophenol	8.03	162	290102	44.960	ng		100
30) 1,2,4-Trichlorobenzene	8.12	180	310186	43.114	ng		99
31) Naphthalene	8.20	128	900103	44.666	ng		99
32) Benzoic acid	7.92	122	59510	15.617	ng		99
33) 4-Chloroaniline	8.24	127	211707	24.828	ng		98
34) Hexachlorobutadiene	8.32	225	183345	40.880	ng		99
35) Caprolactam	8.60	113	89585m	43.645	ng		
36) 4-Chloro-3-methylphenol	8.73	107	294591	46.083	ng		99
37) 2-Methylnaphthalene	8.89	142	614141	45.193	ng		99
38) 1-Methylnaphthalene	8.99	142	581982	44.372	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	314621	42.066	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	364768	87.459	ng		98
43) 2,4,6-Trichlorophenol	9.17	196	218222	45.948	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	242010	45.430	ng		100
46) 1,1'-Biphenyl	9.36	154	776541	44.148	ng		97
47) 2-Chloronaphthalene	9.38	162	618879	43.266	ng		98
48) 2-Nitroaniline	9.47	65	180168	48.048	ng		93
49) Acenaphthylene	9.80	152	971416	43.380	ng		99
50) Dimethylphthalate	9.66	163	939359	56.411	ng		98
51) 2,6-Dinitrotoluene	9.71	165	173899	48.677	ng		93
52) Acenaphthene	9.97	154	620402	46.879	ng		97
53) 3-Nitroaniline	9.88	138	131403	35.003	ng		90
54) 2,4-Dinitrophenol	9.99	184	115917	75.516	ng	#	4
55) Dibenzofuran	10.14	168	896126	45.205	ng		98
56) 4-Nitrophenol	10.05	139	289551	97.414	ng		99
57) 2,4-Dinitrotoluene	10.12	165	236903	52.537	ng		98
58) Fluorene	10.48	166	691253	46.316	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	222430	47.514	ng		99
60) Diethylphthalate	10.35	149	729742	46.148	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	353602	44.737	ng		98
62) 4-Nitroaniline	10.49	138	185436	50.618	ng		99
63) Azobenzene	10.63	77	664165	43.336	ng		97
65) 4,6-Dinitro-2-methylphenol	10.53	198	102820	46.547	ng		98
66) n-Nitrosodiphenylamine	10.59	169	629846	43.312	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	238080	40.664	ng		97
68) Hexachlorobenzene	11.03	284	263449	40.947	ng		98
69) Atrazine	11.12	200	221945	46.916	ng		100
70) Pentachlorophenol	11.23	266	307192	84.329	ng		98
71) Phenanthrene	11.45	178	1185480	48.672	ng		100
72) Anthracene	11.50	178	1123690	45.685	ng		99
73) Carbazole	11.65	167	1030202	46.948	ng		100
74) Di-n-butylphthalate	11.97	149	1166889	45.206	ng		100
75) Fluoranthene	12.63	202	1315252	49.494	ng		99
77) Benzidine	12.75	184	465655	36.099	ng		98
78) Pyrene	12.86	202	1317407	43.514	ng		98
80) Butylbenzylphthalate	13.47	149	536166	45.011	ng		96
81) Benzo(a)anthracene	14.06	228	1215811	47.665	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	337346	36.083	ng		97
83) Chrysene	14.09	228	1184959	47.700	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	746693	49.269	ng		99
85) Di-n-octyl phthalate	14.67	149	1299185	54.767	ng		98
86) Indeno(1,2,3-cd)pyrene	17.06	276	1185415	50.377	ng		98
88) Benzo(b)fluoranthene	15.13	252	1361373	45.668	ng		99
89) Benzo(k)fluoranthene	15.16	252	1078713	42.069	ng		99
90) Benzo(a)pyrene	15.50	252	1179584	45.748	ng		99
91) Dibenzo(a,h)anthracene	17.08	278	989444	40.879	ng		100
92) Benzo(g,h,i)perylene	17.52	276	961084	39.347	ng		98

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

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