Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110416.D
Acq On : 2 Nov 2018 17:15
Operator : JU/SJ
Sample : J5769-07MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LEFT-CORNER-BULDG-85MS

Manual Integrations APPROVED
Sohil
11/5/2018 10:32:41 AM

Quant Time: Nov 05 06:04:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	90663	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	376793	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	176211	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	302277	20.00	ng		0.00
76) Chrysene-d12	14.14	240	162431	20.00	ng		0.00
87) Perylene-d12	15.66	264	162645	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	707929	127.16	ng		0.02
7) Phenol-d6	6.59	99	926288	130.08	ng		0.00
23) Nitrobenzene-d5	7.52	82	571468	89.96	ng		0.00
42) 2,4,6-Tribromophenol	10.80	330	212095	121.51	ng		0.00
45) 2-Fluorobiphenyl	9.32	172	954856	85.09	ng		0.00
79) Terphenyl-d14	13.07	244	687949	88.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	79404	27.222	ng		89
3) Pyridine	3.66	79	228180	35.121	ng	#	83
4) n-Nitrosodimethylamine	3.62	42	119640	43.954	ng		91
6) Aniline	6.62	93	273275	29.459	ng	#	53
8) 2-Chlorophenol	6.75	128	262774	40.938	ng		99
9) Benzaldehyde	6.51	77	172502	42.459	ng		96
10) Phenol	6.60	94	365901	48.069	ng	#	67
11) bis(2-Chloroethyl)ether	6.69	93	236215	37.719	ng		95
12) 1,3-Dichlorobenzene	6.90	146	270341	38.271	ng		99
13) 1,4-Dichlorobenzene	6.97	146	272605	38.158	ng		98
14) 1,2-Dichlorobenzene	7.13	146	256994	38.751	ng		100
15) Benzyl Alcohol	7.10	79	228056	41.639	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.22	45	382889	38.239	ng		69
17) 2-Methylphenol	7.20	107	215274	42.083	ng	#	82
18) Hexachloroethane	7.46	117	100595	38.460	ng		93
19) n-Nitroso-di-n-propylamine	7.36	70	177544	38.862	ng		95
20) 3+4-Methylphenols	7.36	107	271446	41.051	ng		90
22) Acetophenone	7.37	105	363519	41.870	ng		99
24) Nitrobenzene	7.54	77	268688	40.967	ng		98
25) Isophorone	7.77	82	493456	45.569	ng		97
26) 2-Nitrophenol	7.86	139	141615	45.375	ng		90
27) 2,4-Dimethylphenol	7.89	122	244279	47.208	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	308397	41.923	ng		99
29) 2,4-Dichlorophenol	8.09	162	219343	41.958	ng		97
30) 1,2,4-Trichlorobenzene	8.18	180	231379	39.514	ng		96
31) Naphthalene	8.26	128	754401	43.441	ng		100
32) Benzoic acid	7.96	122	8133m	2.034	ng		
33) 4-Chloroaniline	8.31	127	156060	19.968	ng		97
34) Hexachlorobutadiene	8.37	225	126359	38.864	ng		98
35) Caprolactam	8.68	113	59343m	32.569	ng		
36) 4-Chloro-3-methylphenol	8.79	107	237027	41.929	ng		93
37) 2-Methylnaphthalene	8.95	142	525429	45.730	ng		99
38) 1-Methylnaphthalene	9.05	142	489456	44.081	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	219194	39.923	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	188060	66.987	ng		98
43) 2,4,6-Trichlorophenol	9.23	196	145325	41.038	ng		93
44) 2,4,5-Trichlorophenol	9.27	196	155432	41.524	ng		95
46) 1,1'-Biphenyl	9.42	154	629661	39.515	ng		99
47) 2-Chloronaphthalene	9.45	162	474056	40.557	ng		98
48) 2-Nitroaniline	9.55	65	149821	42.298	ng		93
49) Acenaphthylene	9.86	152	738380	43.737	ng		99
50) Dimethylphthalate	9.72	163	689629	53.018	ng		99
51) 2,6-Dinitrotoluene	9.79	165	120863	43.137	ng	#	83
52) Acenaphthene	10.03	154	443320	39.694	ng		99
53) 3-Nitroaniline	9.96	138	97112	29.146	ng		90
54) 2,4-Dinitrophenol	10.06	184	23003	24.523	ng		93
55) Dibenzofuran	10.20	168	635723	40.655	ng		99
56) 4-Nitrophenol	10.12	139	225378	91.393	ng		96
57) 2,4-Dinitrotoluene	10.19	165	155824	43.785	ng		88
58) Fluorene	10.55	166	511266	43.932	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	116575m	38.208	ng		
60) Diethylphthalate	10.41	149	529527	41.704	ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	242013	39.421	ng		98
62) 4-Nitroaniline	10.57	138	123707	37.329	ng		93
63) Azobenzene	10.70	77	510975	40.542	ng		96
65) 4,6-Dinitro-2-methylphenol	10.60	198	35871	25.974	ng		99
66) n-Nitrosodiphenylamine	10.66	169	437156	44.092	ng		97
67) 4-Bromophenyl-phenylether	11.03	248	140866	42.962	ng	#	92
68) Hexachlorobenzene	11.10	284	143862	41.352	ng	#	91
69) Atrazine	11.18	200	135768	43.331	ng		100
70) Pentachlorophenol	11.29	266	92511	45.603	ng		99
71) Phenanthrene	11.52	178	719628	45.498	ng		100
72) Anthracene	11.57	178	716357	45.186	ng		99
73) Carbazole	11.72	167	582910	37.658	ng		99
74) Di-n-butylphthalate	12.03	149	748324	42.805	ng		99
75) Fluoranthene	12.71	202	629595	39.222	ng		97
77) Benzidine	12.83	184	200018	43.099	ng		97
78) Pyrene	12.94	202	586907	50.400	ng		99
80) Butylbenzylphthalate	13.54	149	226212	44.756	ng		95
81) Benzo(a)anthracene	14.13	228	432404	44.890	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	102889	30.675	ng		98
83) Chrysene	14.16	228	404201	44.180	ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	290602	42.532	ng		98
85) Di-n-octyl phthalate	14.70	149	470021	44.241	ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	445128	58.647	ng		97
88) Benzo(b)fluoranthene	15.20	252	421406	44.868	ng		99
89) Benzo(k)fluoranthene	15.23	252	369893	40.060	ng		98
90) Benzo(a)pyrene	15.60	252	393671	45.552	ng		99
91) Dibenzo(a,h)anthracene	17.24	278	366775	49.185	ng		98
92) Benzo(g,h,i)perylene	17.70	276	355003	48.311	ng		97

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

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