Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110722.D
Acq On : 13 Nov 2018 16:42
Operator : JU/SJ
Sample : J5910-07MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-4-DMS

Manual Integrations APPROVED
Sohil
11/14/2018 1:48:34 PM

Quant Time: Nov 13 17:18:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	78997	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	331747	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	153831	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	275908	20.00	ng		0.00
76) Chrysene-d12	14.13	240	152844	20.00	ng		0.00
87) Perylene-d12	15.66	264	159992	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	602689	123.92	ng		0.01
7) Phenol-d6	6.57	99	767855	123.47	ng		0.00
23) Nitrobenzene-d5	7.51	82	486119	84.39	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	180199	116.25	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	856537	79.52	ng		0.00
79) Terphenyl-d14	13.06	244	662110	81.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	64846	26.760	ng		88
3) Pyridine	3.62	79	165996	31.736	ng	#	82
4) n-Nitrosodimethylamine	3.57	42	96907	43.179	ng		87
6) Aniline	6.61	93	222832	27.475	ng	#	55
8) 2-Chlorophenol	6.73	128	214563	37.634	ng		99
9) Benzaldehyde	6.50	77	123259	35.926	ng		99
10) Phenol	6.59	94	345177	47.866	ng	#	63
11) bis(2-Chloroethyl)ether	6.68	93	192308	35.584	ng		94
12) 1,3-Dichlorobenzene	6.89	146	218234	34.984	ng		96
13) 1,4-Dichlorobenzene	6.96	146	223361	35.261	ng		99
14) 1,2-Dichlorobenzene	7.12	146	208101	35.314	ng		100
15) Benzyl Alcohol	7.09	79	185238	38.061	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	319496	37.645	ng		71
17) 2-Methylphenol	7.19	107	172133	37.936	ng	#	83
18) Hexachloroethane	7.45	117	82737	35.379	ng		95
19) n-Nitroso-di-n-propylamine	7.35	70	147800	37.231	ng		95
20) 3+4-Methylphenols	7.35	107	223071	38.297	ng		91
22) Acetophenone	7.36	105	297179	38.437	ng	#	96
24) Nitrobenzene	7.53	77	222014	37.616	ng		96
25) Isophorone	7.76	82	409843	43.408	ng		98
26) 2-Nitrophenol	7.85	139	112607	38.245	ng		94
27) 2,4-Dimethylphenol	7.87	122	196490	43.819	ng		96
28) bis(2-Chloroethoxy)methane	7.96	93	253029	39.581	ng		98
29) 2,4-Dichlorophenol	8.09	162	180087	39.030	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	189937	36.511	ng		94
31) Naphthalene	8.25	128	617739	39.665	ng		99
32) Benzoic acid	7.97	122	41781	13.169	ng		92
33) 4-Chloroaniline	8.30	127	164948	23.383	ng		98
34) Hexachlorobutadiene	8.35	225	101249	34.074	ng		99
35) Caprolactam	8.67	113	62154m	40.319	ng		
36) 4-Chloro-3-methylphenol	8.78	107	193915	38.969	ng		96
37) 2-Methylnaphthalene	8.94	142	421918	41.327	ng		99
38) 1-Methylnaphthalene	9.04	142	402292	40.973	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	178528	36.664	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	96713	53.719	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	122288	39.965	ng		93
44) 2,4,5-Trichlorophenol	9.26	196	131107	40.168	ng		96
46) 1,1'-Biphenyl	9.40	154	512205	35.693	ng		99
47) 2-Chloronaphthalene	9.43	162	389428	37.668	ng		99
48) 2-Nitroaniline	9.53	65	125669	39.446	ng		93
49) Acenaphthylene	9.85	152	608172	40.848	ng		99
50) Dimethylphthalate	9.70	163	556760	48.505	ng		99
51) 2,6-Dinitrotoluene	9.77	165	100624	39.851	ng		87
52) Acenaphthene	10.02	154	361339	38.403	ng		98
53) 3-Nitroaniline	9.95	138	81809	27.965	ng		94
54) 2,4-Dinitrophenol	10.06	184	39855	41.996	ng		89
55) Dibenzofuran	10.19	168	522809	37.978	ng		98
56) 4-Nitrophenol	10.11	139	137442	70.818	ng		96
57) 2,4-Dinitrotoluene	10.18	165	131641	40.097	ng		97
58) Fluorene	10.54	166	418372	39.567	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.31	232	103590m	40.343	ng		
60) Diethylphthalate	10.40	149	446413	39.311	ng		100
61) 4-Chlorophenyl-phenylether	10.52	204	202575	37.001	ng		99
62) 4-Nitroaniline	10.56	138	98707	33.508	ng		94
63) Azobenzene	10.69	77	416881	37.627	ng		95
65) 4,6-Dinitro-2-methylphenol	10.60	198	42542	30.594	ng		97
66) n-Nitrosodiphenylamine	10.65	169	366464	39.405	ng		96
67) 4-Bromophenyl-phenylether	11.02	248	114644	37.596	ng		94
68) Hexachlorobenzene	11.09	284	118881	36.978	ng	#	90
69) Atrazine	11.17	200	115309	40.551	ng		98
70) Pentachlorophenol	11.29	266	100925	58.833	ng		95
71) Phenanthrene	11.50	178	588787	39.832	ng		100
72) Anthracene	11.56	178	607299	40.728	ng		99
73) Carbazole	11.72	167	503185	35.138	ng		99
74) Di-n-butylphthalate	12.02	149	659309	39.261	ng		99
75) Fluoranthene	12.70	202	504203	34.023	ng		99
77) Benzidine	12.82	184	58375	13.888	ng		98
78) Pyrene	12.93	202	487675	41.439	ng		99
80) Butylbenzylphthalate	13.53	149	205781	40.625	ng		97
81) Benzo(a)anthracene	14.12	228	365296	39.986	ng		98
82) 3,3'-Dichlorobenzidine	14.07	252	96563	31.553	ng		99
83) Chrysene	14.16	228	338705	38.916	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	259398	41.281	ng		97
85) Di-n-octyl phthalate	14.69	149	432629	46.820	ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	418216	66.962	ng		97
88) Benzo(b)fluoranthene	15.20	252	351615	36.736	ng		98
89) Benzo(k)fluoranthene	15.23	252	342222	36.185	ng		98
90) Benzo(a)pyrene	15.59	252	349091	40.143	ng		98
91) Dibenzo(a,h)anthracene	17.24	278	345737	46.981	ng		100
92) Benzo(g,h,i)perylene	17.70	276	334873	45.863	ng		97

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

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