Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109842.D
Acq On : 12 Oct 2018 19:07
Operator : JU/SJ
Sample : J5197-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-101118MSD

Manual Integrations APPROVED
Sohil
10/15/2018 10:28:29 AM

Quant Time: Oct 12 22:34:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104458	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	412768	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	187941	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	350407	20.00	ng		0.00
75) Chrysene-d12	13.83	240	199851	20.00	ng		0.00
86) Perylene-d12	15.23	264	196856	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	825531	140.28	ng		0.00
7) Phenol-d6	6.36	99	1073270	136.52	ng		0.00
23) Nitrobenzene-d5	7.26	82	738781	98.66	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	277778	135.65	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	1251065	91.68	ng		0.00
78) Terphenyl-d14	12.78	244	958080	92.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	91356	29.579	ng		97
3) Pyridine	3.18	79	212072	33.282	ng		97
4) n-Nitrosodimethylamine	3.11	42	107971	46.946	ng		96
6) Aniline	6.37	93	246907	26.961	ng	#	41
8) 2-Chlorophenol	6.49	128	304255	42.038	ng		96
9) Benzaldehyde	6.25	77	139135	27.503	ng		98
10) Phenol	6.37	94	358827	39.805	ng		81
11) bis(2-Chloroethyl)ether	6.44	93	263338	35.236	ng		99
12) 1,3-Dichlorobenzene	6.64	146	322071	38.907	ng		98
13) 1,4-Dichlorobenzene	6.71	146	355120	39.355	ng		98
14) 1,2-Dichlorobenzene	6.87	146	324934	41.003	ng		99
15) Benzyl Alcohol	6.85	79	251915	43.224	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	393347	39.693	ng		93
17) 2-Methylphenol	6.97	107	242661	42.398	ng		99
18) Hexachloroethane	7.20	117	128489	40.285	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	223797	40.594	ng		99
20) 3+4-Methylphenols	7.12	107	293069	41.555	ng		93
22) Acetophenone	7.11	105	453563	45.440	ng	#	99
24) Nitrobenzene	7.28	77	331949	42.603	ng		97
25) Isophorone	7.52	82	614676	49.434	ng		99
26) 2-Nitrophenol	7.60	139	159620	43.797	ng		99
27) 2,4-Dimethylphenol	7.65	122	266334	50.605	ng		100
28) bis(2-Chloroethoxy)methane	7.73	93	382582	45.488	ng		99
29) 2,4-Dichlorophenol	7.85	162	269839	45.710	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	276505	42.311	ng		99
31) Naphthalene	8.00	128	900955	47.197	ng		100
32) Benzoic acid	7.78	122	66760m	17.742	ng		
33) 4-Chloroaniline	8.06	127	98724	11.744	ng		98
34) Hexachlorobutadiene	8.12	225	168840	41.553	ng		99
35) Caprolactam	8.43	113	75641m	42.905	ng		
36) 4-Chloro-3-methylphenol	8.55	107	284205	45.608	ng		98
37) 2-Methylnaphthalene	8.69	142	592328	47.370	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	278113	43.472	ng		99
40) Hexachlorocyclopentadiene	8.85	237	193506	70.061	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	168079	43.949	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	193812	44.075	ng		98
45) 1,1'-Biphenyl	9.15	154	724137	43.130	ng		100
46) 2-Chloronaphthalene	9.17	162	551353	43.832	ng		97
47) 2-Nitroaniline	9.28	65	175408	46.054	ng		93
48) Acenaphthylene	9.59	152	851216	46.418	ng		99
49) Dimethylphthalate	9.46	163	752536	54.596	ng		100
50) 2,6-Dinitrotoluene	9.52	165	133101	44.547	ng		98
51) Acenaphthene	9.76	154	478909	44.054	ng		99
52) 3-Nitroaniline	9.69	138	82529	24.641	ng		99
53) 2,4-Dinitrophenol	9.80	184	55510	57.584	ng		96
54) Dibenzofuran	9.93	168	712524	43.726	ng		100
55) 4-Nitrophenol	9.87	139	148884	81.212	ng		93
56) 2,4-Dinitrotoluene	9.93	165	166009	44.522	ng	#	88
57) Fluorene	10.27	166	563575	46.313	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	171573	47.999	ng		95
59) Diethylphthalate	10.15	149	624312	45.713	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	274665	42.784	ng		99
61) 4-Nitroaniline	10.31	138	132078	42.582	ng		97
62) Azobenzene	10.43	77	631571	45.540	ng		97
64) 4,6-Dinitro-2-methylphenol	10.34	198	61995	36.350	ng		93
65) n-Nitrosodiphenylamine	10.39	169	518437	43.644	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	172271	42.787	ng		95
67) Hexachlorobenzene	10.82	284	178498	40.942	ng	#	91
68) Atrazine	10.92	200	165343	44.601	ng		99
69) Pentachlorophenol	11.02	266	166525	67.879	ng		98
70) Phenanthrene	11.23	178	790111	45.057	ng		99
71) Anthracene	11.28	178	856998	47.277	ng		100
72) Carbazole	11.44	167	737745	41.962	ng		100
73) Di-n-butylphthalate	11.77	149	901119	44.192	ng		99
74) Fluoranthene	12.41	202	747526	40.805	ng		98
76) Benzidine	12.54	184	296859	39.986	ng		97
77) Pyrene	12.63	202	716337	48.922	ng		99
79) Butylbenzylphthalate	13.25	149	321371	50.623	ng		94
80) Benzo(a)anthracene	13.82	228	504558	45.750	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	143180	32.242	ng		98
82) Chrysene	13.86	228	542734	46.851	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	399880	51.630	ng		99
84) Di-n-octyl phthalate	14.42	149	634096	51.796	ng		100
85) Indeno(1,2,3-cd)pyrene	16.59	276	527281	63.592	ng		99
87) Benzo(b)fluoranthene	14.83	252	493865	45.398	ng		99
88) Benzo(k)fluoranthene	14.86	252	466847	42.711	ng		98
89) Benzo(a)pyrene	15.17	252	466863	47.291	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	442738	54.607	ng		98
91) Benzo(g,h,i)perylene	16.99	276	434014	53.607	ng		99

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

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