Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109841.D
Acq On : 12 Oct 2018 18:39
Operator : JU/SJ
Sample : J5197-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-101118MS

Manual Integrations APPROVED
Sohil
10/15/2018 10:28:27 AM

Quant Time: Oct 15 06:06:21 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	97614	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	397420	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	185781	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	334324	20.00	ng		0.00
75) Chrysene-d12	13.83	240	195839	20.00	ng		0.00
86) Perylene-d12	15.23	264	190551	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	668400	121.54	ng		0.00
7) Phenol-d6	6.35	99	899975	122.51	ng		0.00
23) Nitrobenzene-d5	7.26	82	614838	85.28	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	236357	116.76	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	1040755	77.15	ng		0.00
78) Terphenyl-d14	12.78	244	856042	84.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	70289	24.354	ng		98
3) Pyridine	3.18	79	158019	26.538	ng		98
4) n-Nitrosodimethylamine	3.10	42	73968	34.416	ng		97
6) Aniline	6.37	93	231247	27.022	ng		88
8) 2-Chlorophenol	6.49	128	242324	35.829	ng		99
9) Benzaldehyde	6.25	77	103694	21.935	ng		98
10) Phenol	6.36	94	308320	36.600	ng		84
11) bis(2-Chloroethyl)ether	6.43	93	203329	29.114	ng		99
12) 1,3-Dichlorobenzene	6.63	146	248185	32.084	ng		96
13) 1,4-Dichlorobenzene	6.71	146	275285	32.647	ng		98
14) 1,2-Dichlorobenzene	6.86	146	248005	33.490	ng		99
15) Benzyl Alcohol	6.85	79	193216	35.477	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	315665	34.087	ng		98
17) 2-Methylphenol	6.96	107	189830	35.493	ng		94
18) Hexachloroethane	7.20	117	98383	33.009	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	174133	33.800	ng		98
20) 3+4-Methylphenols	7.12	107	225717	34.249	ng		93
22) Acetophenone	7.11	105	360119	37.472	ng	#	99
24) Nitrobenzene	7.28	77	260643	34.743	ng		99
25) Isophorone	7.52	82	479731	40.071	ng		100
26) 2-Nitrophenol	7.60	139	126586	36.074	ng		95
27) 2,4-Dimethylphenol	7.65	122	220004	43.417	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	303098	37.429	ng		100
29) 2,4-Dichlorophenol	7.85	162	209810	36.914	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	212226	33.729	ng		99
31) Naphthalene	8.00	128	717876	39.058	ng		100
32) Benzoic acid	7.74	122	21548m	5.948	ng		
33) 4-Chloroaniline	8.06	127	158546	19.589	ng		98
34) Hexachlorobutadiene	8.12	225	128263	32.786	ng		98
35) Caprolactam	8.42	113	56652m	33.375	ng		
36) 4-Chloro-3-methylphenol	8.54	107	217889	36.316	ng		98
37) 2-Methylnaphthalene	8.69	142	454093	37.718	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	213906	33.824	ng		99
40) Hexachlorocyclopentadiene	8.84	237	134185	51.298	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	130818	34.604	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	148511	34.166	ng		95
45) 1,1'-Biphenyl	9.15	154	550787	33.186	ng		100
46) 2-Chloronaphthalene	9.17	162	421847	33.926	ng		99
47) 2-Nitroaniline	9.27	65	137926	36.634	ng		97
48) Acenaphthylene	9.59	152	659570	36.385	ng		100
49) Dimethylphthalate	9.46	163	622536	45.690	ng		100
50) 2,6-Dinitrotoluene	9.52	165	110035	37.256	ng		93
51) Acenaphthene	9.76	154	368047	34.250	ng		100
52) 3-Nitroaniline	9.69	138	88769	26.812	ng		96
53) 2,4-Dinitrophenol	9.81	184	16162	16.961	ng	#	70
54) Dibenzofuran	9.93	168	550096	34.151	ng		98
55) 4-Nitrophenol	9.87	139	110343	60.889	ng		93
56) 2,4-Dinitrotoluene	9.92	165	134481	36.486	ng		88
57) Fluorene	10.27	166	438783	36.477	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	132811	37.587	ng		97
59) Diethylphthalate	10.15	149	483174	35.790	ng		100
60) 4-Chlorophenyl-phenylether	10.26	204	209989	33.090	ng		99
61) 4-Nitroaniline	10.30	138	105308	34.346	ng		99
62) Azobenzene	10.42	77	480725	35.066	ng		98
64) 4,6-Dinitro-2-methylphenol	10.33	198	40254	24.738	ng		85
65) n-Nitrosodiphenylamine	10.39	169	409471	36.129	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	131726	34.291	ng		95
67) Hexachlorobenzene	10.82	284	134441	32.320	ng		95
68) Atrazine	10.91	200	129525	36.620	ng		99
69) Pentachlorophenol	11.02	266	119841	51.199	ng		98
70) Phenanthrene	11.23	178	593963	35.501	ng		99
71) Anthracene	11.28	178	665786	38.496	ng		100
72) Carbazole	11.44	167	573801	34.207	ng		99
73) Di-n-butylphthalate	11.76	149	691038	35.519	ng		100
74) Fluoranthene	12.41	202	594263	34.000	ng		98
76) Benzidine	12.54	184	243191	33.428	ng		98
77) Pyrene	12.63	202	556939	38.815	ng		99
79) Butylbenzylphthalate	13.25	149	248053	39.875	ng		97
80) Benzo(a)anthracene	13.82	228	387517	35.857	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	127007	29.186	ng		100
82) Chrysene	13.86	228	415096	36.567	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	320677	42.252	ng		97
84) Di-n-octyl phthalate	14.42	149	497464	41.467	ng		100
85) Indeno(1,2,3-cd)pyrene	16.58	276	395864	48.721	ng		99
87) Benzo(b)fluoranthene	14.83	252	325095	30.873	ng		99
88) Benzo(k)fluoranthene	14.86	252	392217	37.071	ng		99
89) Benzo(a)pyrene	15.17	252	347405	36.355	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	329627	42.001	ng		99
91) Benzo(g,h,i)perylene	16.98	276	322684	41.175	ng		98

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

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