Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
Data File : BF112373.D
Acq On : 4 Feb 2019 10:06
Operator : JU/SJ
Sample : PB116745BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB116745BS

Manual Integrations APPROVED
mohammad
2/5/2019 8:42:34 AM

Quant Time: Feb 05 04:59:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	176528	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	671674	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	321559	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	562966	20.00	ng		0.00
76) Chrysene-d12	14.01	240	374450	20.00	ng		0.00
87) Perylene-d12	15.47	264	375789	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	836341	100.63	ng		0.00
7) Phenol-d6	6.49	99	1034629	89.59	ng		0.00
23) Nitrobenzene-d5	7.40	82	976400	83.76	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	313423	83.74	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	1959363	86.18	ng		0.00
79) Terphenyl-d14	12.94	244	1536290	77.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	149290	45.093	ng		96
3) Pyridine	3.43	79	409807	48.661	ng		99
4) n-Nitrosodimethylamine	3.39	42	197773	55.896	ng		95
6) Aniline	6.50	93	242418	17.646	ng	#	1
8) 2-Chlorophenol	6.63	128	491524	43.964	ng		97
9) Benzaldehyde	6.39	77	283590	46.983	ng		99
10) Phenol	6.50	94	547095	43.181	ng		86
11) bis(2-Chloroethyl)ether	6.57	93	422506	42.357	ng		97
12) 1,3-Dichlorobenzene	6.78	146	532563	40.902	ng		100
13) 1,4-Dichlorobenzene	6.86	146	547286	40.841	ng		99
14) 1,2-Dichlorobenzene	7.01	146	512119	40.818	ng		96
15) Benzyl Alcohol	6.99	79	399729	41.061	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	534956	41.770	ng		57
17) 2-Methylphenol	7.11	107	374899	42.300	ng	#	88
18) Hexachloroethane	7.35	117	186066	39.541	ng		93
19) n-Nitroso-di-n-propylamine	7.26	70	331066	41.575	ng		96
20) 3+4-Methylphenols	7.26	107	498364	43.973	ng	#	63
22) Acetophenone	7.25	105	661052	40.418	ng		95
24) Nitrobenzene	7.42	77	488733	41.980	ng		99
25) Isophorone	7.66	82	862356	47.156	ng		98
26) 2-Nitrophenol	7.74	139	262751	42.232	ng		94
27) 2,4-Dimethylphenol	7.78	122	422500	49.289	ng		95
28) bis(2-Chloroethoxy)methane	7.87	93	552932	44.405	ng		99
29) 2,4-Dichlorophenol	7.99	162	422825	44.078	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	466891	42.343	ng		99
31) Naphthalene	8.15	128	1406508	44.778	ng		99
32) Benzoic acid	7.93	122	192934	39.458	ng		99
33) 4-Chloroaniline	8.19	127	104277	7.624	ng		100
34) Hexachlorobutadiene	8.26	225	258520	39.954	ng		99
35) Caprolactam	8.57	113	121453m	35.890	ng		
36) 4-Chloro-3-methylphenol	8.69	107	424731	41.825	ng		98
37) 2-Methylnaphthalene	8.83	142	993419	46.199	ng		98
38) 1-Methylnaphthalene	8.93	142	935413	45.386	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	460196	43.588	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	153851	43.386	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	286724	44.057	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	298639	43.906	ng		97
46) 1,1'-Biphenyl	9.30	154	1211685	43.102	ng		99
47) 2-Chloronaphthalene	9.33	162	922188	42.302	ng		98
48) 2-Nitroaniline	9.42	65	251776	42.374	ng		89
49) Acenaphthylene	9.74	152	1445907	45.252	ng		99
50) Dimethylphthalate	9.60	163	1113551	44.571	ng		99
51) 2,6-Dinitrotoluene	9.66	165	247690	44.267	ng	#	84
52) Acenaphthene	9.91	154	829637	43.465	ng		99
53) 3-Nitroaniline	9.83	138	95130	15.693	ng		95
54) 2,4-Dinitrophenol	9.96	184	96476	53.726	ng		94
55) Dibenzofuran	10.09	168	1253215	42.965	ng		96
56) 4-Nitrophenol	10.02	139	236566	73.815	ng		91
57) 2,4-Dinitrotoluene	10.07	165	307797	43.210	ng	#	86
58) Fluorene	10.43	166	991574	45.428	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	231126	44.965	ng	#	96
60) Diethylphthalate	10.30	149	1109568	44.753	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	498254	41.963	ng		96
62) 4-Nitroaniline	10.45	138	218026	36.669	ng		96
63) Azobenzene	10.57	77	933500	42.811	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	92557	29.324	ng		96
66) n-Nitrosodiphenylamine	10.53	169	887985	46.801	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	303530	45.841	ng		98
68) Hexachlorobenzene	10.98	284	313895	44.187	ng		97
69) Atrazine	11.06	200	299225	48.876	ng		96
70) Pentachlorophenol	11.18	266	210801	76.263	ng		98
71) Phenanthrene	11.39	178	1329081	45.411	ng		99
72) Anthracene	11.45	178	1366124	46.858	ng		99
73) Carbazole	11.60	167	1163497	40.458	ng		99
74) Di-n-butylphthalate	11.92	149	1677689	46.999	ng		99
75) Fluoranthene	12.58	202	1216718	38.760	ng		97
77) Benzidine	12.69	184	381606	37.027	ng		96
78) Pyrene	12.81	202	1209098	46.639	ng		98
80) Butylbenzylphthalate	13.42	149	593736	47.337	ng		97
81) Benzo(a)anthracene	14.00	228	1029192	46.756	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	224997	27.312	ng		99
83) Chrysene	14.03	228	964894	45.922	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	831146	46.682	ng		98
85) Di-n-octyl phthalate	14.58	149	1250053	45.634	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	942081	56.584	ng		97
88) Benzo(b)fluoranthene	15.05	252	1048854	46.670	ng		98
89) Benzo(k)fluoranthene	15.08	252	973825	45.238	ng		98
90) Benzo(a)pyrene	15.42	252	970462	47.991	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	806418	49.480	ng		99
92) Benzo(g,h,i)perylene	17.40	276	731377	47.566	ng		97

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

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