Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115906.D
Acq On : 1 Aug 2019 14:32
Operator : HP/JU
Sample : K4066-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Manual Integrations APPROVED
mohammad
8/5/2019 1:48:03 PM

Quant Time: Aug 02 05:31:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	139900	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	531836	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	269578	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	431466	20.00	ng		0.00
76) Chrysene-d12	14.03	240	280939	20.00	ng		0.00
87) Perylene-d12	15.50	264	339028	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1093556	130.86	ng		0.02
7) Phenol-d6	6.50	99	1470605	139.48	ng		0.01
23) Nitrobenzene-d5	7.42	82	938243	101.83	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	346382	132.53	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1443328	100.28	ng		0.00
79) Terphenyl-d14	12.97	244	1241280	93.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	139045	32.935	ng		99
3) Pyridine	3.43	79	373539	31.674	ng		100
4) n-Nitrosodimethylamine	3.37	42	172472	37.058	ng		94
6) Aniline	6.52	93	215163	14.249	ng	#	78
8) 2-Chlorophenol	6.65	128	362855	39.265	ng		98
9) Benzaldehyde	6.40	77	213962	29.410	ng		99
10) Phenol	6.51	94	463472	37.328	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	350597	38.406	ng		99
12) 1,3-Dichlorobenzene	6.80	146	391344	36.643	ng		100
13) 1,4-Dichlorobenzene	6.87	146	398072	37.226	ng		100
14) 1,2-Dichlorobenzene	7.03	146	365574	37.128	ng		100
15) Benzyl Alcohol	7.00	79	321687	40.203	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	459337	36.890	ng		96
17) 2-Methylphenol	7.11	107	305543	39.048	ng		100
18) Hexachloroethane	7.37	117	139313	35.385	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	250066	38.273	ng		100
20) 3+4-Methylphenols	7.26	107	376275	40.636	ng	#	78
22) Acetophenone	7.26	105	491947	42.177	ng		99
24) Nitrobenzene	7.43	77	401440	40.352	ng		100
25) Isophorone	7.67	82	708282	40.203	ng		99
26) 2-Nitrophenol	7.75	139	194894	41.559	ng		99
27) 2,4-Dimethylphenol	7.79	122	324921	46.053	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	435316	39.865	ng		99
29) 2,4-Dichlorophenol	8.00	162	309565	41.555	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	334317	39.370	ng		100
31) Naphthalene	8.16	128	1038425	41.492	ng		100
32) Benzoic acid	7.92	122	118338	23.790	ng		98
33) 4-Chloroaniline	8.20	127	85703	7.664	ng		99
34) Hexachlorobutadiene	8.27	225	187412	38.316	ng		97
35) Caprolactam	8.58	113	97668m	40.537	ng		
36) 4-Chloro-3-methylphenol	8.70	107	325183	41.960	ng		95
37) 2-Methylnaphthalene	8.85	142	689477	41.831	ng		99
38) 1-Methylnaphthalene	8.95	142	645205	41.378	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	307106	42.613	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	93292	32.622	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	203115	40.946	ng	98
44) 2,4,5-Trichlorophenol	9.18	196	218020	42.517	ng	100
46) 1,1'-Biphenyl	9.32	154	821704	43.175	ng	100
47) 2-Chloronaphthalene	9.35	162	646124	40.790	ng	99
48) 2-Nitroaniline	9.44	65	206842	39.505	ng	95
49) Acenaphthylene	9.76	152	1015703	43.952	ng	100
50) Dimethylphthalate	9.62	163	954714	52.013	ng	99
51) 2,6-Dinitrotoluene	9.68	165	165794	41.564	ng	93
52) Acenaphthene	9.93	154	599654	42.296	ng	98
53) 3-Nitroaniline	9.85	138	83368	16.914	ng	88
54) 2,4-Dinitrophenol	9.96	184	60318	34.640	ng	96
55) Dibenzofuran	10.10	168	888747	43.106	ng	98
56) 4-Nitrophenol	10.02	139	260812	82.604	ng	96
57) 2,4-Dinitrotoluene	10.09	165	217259	40.908	ng	91
58) Fluorene	10.45	166	672648	42.404	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	166822	38.669	ng	100
60) Diethylphthalate	10.32	149	710755	41.475	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	334746	41.668	ng	98
62) 4-Nitroaniline	10.46	138	153539	30.143	ng	99
63) Azobenzene	10.60	77	734376	41.663	ng	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	54411	23.797	ng	97
66) n-Nitrosodiphenylamine	10.56	169	596796	45.954	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	199692	43.234	ng	92
68) Hexachlorobenzene	11.00	284	213845	40.039	ng	94
69) Atrazine	11.08	200	181873	42.570	ng	99
70) Pentachlorophenol	11.20	266	195957	75.571	ng	99
71) Phenanthrene	11.41	178	1296229	58.766	ng	99
72) Anthracene	11.46	178	1024949	45.914	ng	99
73) Carbazole	11.62	167	850764	42.008	ng	98
74) Di-n-butylphthalate	11.94	149	1028107	43.517	ng	100
75) Fluoranthene	12.60	202	1473234	63.799	ng	100
77) Benzidine	12.72	184	403520	42.515	ng	96
78) Pyrene	12.83	202	1437899	67.897	ng	99
80) Butylbenzylphthalate	13.44	149	359551	40.136	ng	98
81) Benzo(a)anthracene	14.02	228	1096891	61.086	ng	98
82) 3,3'-Dichlorobenzidine	13.97	252	205485	32.938	ng	99
83) Chrysene	14.06	228	1029074	59.030	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	488530	41.966	ng	99
85) Di-n-octyl phthalate	14.61	149	828396	44.802	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	893302	61.010	ng	100
88) Benzo(b)fluoranthene	15.07	252	1204079m	61.423	ng	
89) Benzo(k)fluoranthene	15.10	252	931181	48.769	ng	98
90) Benzo(a)pyrene	15.44	252	1074847	61.337	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	642900	42.384	ng	99
92) Benzo(g,h,i)perylene	17.44	276	724994	48.667	ng	99

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

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