Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117372.D
Acq On : 12 Oct 2019 16:51
Operator : JU
Sample : PB123863BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB123863BS

Manual Integrations APPROVED
mohammad
10/16/2019 8:05:50 AM

Quant Time: Oct 14 02:26:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	46838	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	197592	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	103265	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	166772	20.00	ng		0.00
76) Chrysene-d12	13.97	240	130109	20.00	ng		0.00
87) Perylene-d12	15.42	264	118126	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	333094	111.03	ng		0.00
7) Phenol-d6	6.45	99	444874	114.74	ng		0.00
23) Nitrobenzene-d5	7.36	82	228724	60.82	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	94729	109.76	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	413993	62.68	ng		-0.01
79) Terphenyl-d14	12.90	244	418702	60.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	49713	39.601	ng		96
3) Pyridine	3.38	79	114496	33.322	ng		97
4) n-Nitrosodimethylamine	3.32	42	45306	38.422	ng		89
6) Aniline	6.46	93	150402	30.130	ng	#	65
8) 2-Chlorophenol	6.59	128	134963	41.701	ng		99
9) Benzaldehyde	6.35	77	90294	48.651	ng		91
10) Phenol	6.46	94	170906	39.986	ng		84
11) bis(2-Chloroethyl)ether	6.53	93	126641	40.314	ng		98
12) 1,3-Dichlorobenzene	6.74	146	140531	38.695	ng		96
13) 1,4-Dichlorobenzene	6.81	146	143286	38.661	ng		98
14) 1,2-Dichlorobenzene	6.97	146	136961	39.691	ng		96
15) Benzyl Alcohol	6.95	79	118845	39.972	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	122285	39.401	ng	#	46
17) 2-Methylphenol	7.06	107	113188	41.729	ng	#	90
18) Hexachloroethane	7.30	117	53021	37.187	ng		91
19) n-Nitroso-di-n-propylamine	7.21	70	97870	41.455	ng		93
20) 3+4-Methylphenols	7.22	107	143531	42.482	ng	#	71
22) Acetophenone	7.21	105	194232	38.690	ng	#	96
24) Nitrobenzene	7.38	77	148738	40.051	ng		98
25) Isophorone	7.62	82	264650	39.746	ng		99
26) 2-Nitrophenol	7.70	139	70957	44.482	ng		99
27) 2,4-Dimethylphenol	7.74	122	116007	45.859	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	158372	38.605	ng		99
29) 2,4-Dichlorophenol	7.95	162	108905	41.087	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	107803	37.645	ng		99
31) Naphthalene	8.10	128	386336	40.654	ng		99
32) Benzoic acid	7.89	122	59096	33.283	ng		96
33) 4-Chloroaniline	8.16	127	92405	21.924	ng		98
34) Hexachlorobutadiene	8.22	225	58502	36.008	ng		96
35) Caprolactam	8.53	113	36302m	40.463	ng		
36) 4-Chloro-3-methylphenol	8.65	107	125690	40.668	ng		98
37) 2-Methylnaphthalene	8.79	142	264825	41.384	ng		97
38) 1-Methylnaphthalene	8.89	142	253254	42.256	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	99659	37.373	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	60945	54.481	ng		97
43) 2,4,6-Trichlorophenol	9.08	196	67386	37.238	ng		97
44) 2,4,5-Trichlorophenol	9.13	196	74128	38.340	ng		96
46) 1,1'-Biphenyl	9.26	154	310380	38.318	ng		99
47) 2-Chloronaphthalene	9.28	162	241070	37.710	ng		99
48) 2-Nitroaniline	9.39	65	78854	38.457	ng		99
49) Acenaphthylene	9.70	152	378176	39.489	ng		100
50) Dimethylphthalate	9.55	163	275506	37.680	ng		100
51) 2,6-Dinitrotoluene	9.62	165	61187	41.088	ng	#	86
52) Acenaphthene	9.87	154	222173	39.136	ng		99
53) 3-Nitroaniline	9.80	138	48190	25.649	ng		96
54) 2,4-Dinitrophenol	9.92	184	45655	72.033	ng		89
55) Dibenzofuran	10.04	168	332843	39.738	ng		99
56) 4-Nitrophenol	9.98	139	62593	51.402	ng		97
57) 2,4-Dinitrotoluene	10.04	165	81523	42.174	ng	#	84
58) Fluorene	10.39	166	269829	39.992	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	54804	37.041	ng		99
60) Diethylphthalate	10.25	149	276478	38.435	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	117557	40.270	ng		97
62) 4-Nitroaniline	10.42	138	62365	31.918	ng		98
63) Azobenzene	10.53	77	289309	39.379	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	35970	47.431	ng		83
66) n-Nitrosodiphenylamine	10.49	169	236962	41.142	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	65048	38.193	ng		93
68) Hexachlorobenzene	10.94	284	70654	37.928	ng		98
69) Atrazine	11.02	200	71207	51.723	ng		99
70) Pentachlorophenol	11.14	266	54354	62.247	ng		96
71) Phenanthrene	11.35	178	377590	39.861	ng		98
72) Anthracene	11.40	178	403046	41.677	ng		98
73) Carbazole	11.56	167	368082	40.098	ng		100
74) Di-n-butylphthalate	11.87	149	443664	40.622	ng		98
75) Fluoranthene	12.54	202	389507	40.019	ng		98
77) Benzidine	12.66	184	244942	58.443	ng		99
78) Pyrene	12.77	202	397766	36.435	ng		99
80) Butylbenzylphthalate	13.37	149	184806	35.825	ng		95
81) Benzo(a)anthracene	13.96	228	329484	37.903	ng		97
82) 3,3'-Dichlorobenzidine	13.92	252	70701	25.240	ng		96
83) Chrysene	14.00	228	327090	38.580	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	256938	38.631	ng		99
85) Di-n-octyl phthalate	14.54	149	430216	41.096	ng		100
86) Indeno(1,2,3-cd)pyrene	16.88	276	225322	36.428	ng		98
88) Benzo(b)fluoranthene	15.00	252	278388	38.906	ng		98
89) Benzo(k)fluoranthene	15.03	252	270090	39.848	ng		98
90) Benzo(a)pyrene	15.36	252	239325	38.116	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	191644	38.314	ng		99
92) Benzo(g,h,i)perylene	17.32	276	182091	36.532	ng		97

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

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