Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
Data File : BF117215.D
Acq On : 24 Sep 2019 15:02
Operator : JU
Sample : PB123339BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB123339BS

Manual Integrations APPROVED
mohammad
9/26/2019 8:23:53 AM

Quant Time: Sep 24 15:58:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	30650	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	138049	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	72208	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	124149	20.00	ng		0.00
76) Chrysene-d12	13.98	240	91219	20.00	ng		0.00
87) Perylene-d12	15.44	264	77532	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	235298	119.86	ng		0.01
7) Phenol-d6	6.46	99	301666	118.90	ng		0.00
23) Nitrobenzene-d5	7.38	82	179497	68.32	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	74721	123.81	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	342132	74.08	ng		0.00
79) Terphenyl-d14	12.92	244	358149	73.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	31934	38.874	ng		97
3) Pyridine	3.37	79	75824	33.722	ng	#	94
4) n-Nitrosodimethylamine	3.32	42	36632	47.474	ng	#	75
6) Aniline	6.48	93	107852	33.017	ng	#	77
8) 2-Chlorophenol	6.61	128	99912	47.176	ng		96
9) Benzaldehyde	6.36	77	54906	44.334	ng		94
10) Phenol	6.47	94	126279	45.149	ng		84
11) bis(2-Chloroethyl)ether	6.55	93	91151	44.341	ng		98
12) 1,3-Dichlorobenzene	6.76	146	102123	42.971	ng		100
13) 1,4-Dichlorobenzene	6.83	146	104297	43.004	ng		98
14) 1,2-Dichlorobenzene	6.99	146	98358	43.559	ng		98
15) Benzyl Alcohol	6.96	79	90919	46.731	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	83835	41.279	ng	#	57
17) 2-Methylphenol	7.07	107	79901	45.015	ng		94
18) Hexachloroethane	7.33	117	40575	43.488	ng		93
19) n-Nitroso-di-n-propylamine	7.23	70	72035	46.627	ng		92
20) 3+4-Methylphenols	7.23	107	110200	49.844	ng		93
22) Acetophenone	7.22	105	149793	42.708	ng	#	97
24) Nitrobenzene	7.40	77	109996	42.394	ng		99
25) Isophorone	7.64	82	198166	42.598	ng		100
26) 2-Nitrophenol	7.72	139	51078	45.831	ng		96
27) 2,4-Dimethylphenol	7.76	122	88751	50.217	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	115678	40.360	ng		99
29) 2,4-Dichlorophenol	7.96	162	83328	44.997	ng		95
30) 1,2,4-Trichlorobenzene	8.04	180	79322	39.647	ng		98
31) Naphthalene	8.12	128	286118	43.095	ng		98
32) Benzoic acid	7.90	122	41442	33.382	ng		97
33) 4-Chloroaniline	8.17	127	70342	23.887	ng		98
34) Hexachlorobutadiene	8.24	225	46682	41.126	ng		96
35) Caprolactam	8.55	113	24961m	39.822	ng		
36) 4-Chloro-3-methylphenol	8.66	107	97337	45.078	ng		98
37) 2-Methylnaphthalene	8.81	142	199195	44.554	ng		99
38) 1-Methylnaphthalene	8.91	142	183395	43.798	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	78667	42.190	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	64750	78.702	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	52968	41.860	ng		95
44) 2,4,5-Trichlorophenol	9.14	196	58588	43.336	ng		96
46) 1,1'-Biphenyl	9.27	154	236081	41.681	ng		99
47) 2-Chloronaphthalene	9.30	162	185631	41.527	ng		98
48) 2-Nitroaniline	9.40	65	61854	43.140	ng		90
49) Acenaphthylene	9.72	152	294245	43.940	ng		98
50) Dimethylphthalate	9.57	163	219599	42.952	ng		99
51) 2,6-Dinitrotoluene	9.64	165	47603	45.715	ng	#	80
52) Acenaphthene	9.89	154	170391	42.924	ng		98
53) 3-Nitroaniline	9.81	138	36897	28.084	ng		93
54) 2,4-Dinitrophenol	9.93	184	32678	73.518	ng		95
55) Dibenzofuran	10.06	168	267573	45.686	ng		97
56) 4-Nitrophenol	9.99	139	62251	73.109	ng		96
57) 2,4-Dinitrotoluene	10.05	165	65712	48.616	ng	#	91
58) Fluorene	10.40	166	218922	46.403	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	43805	42.341	ng	#	91
60) Diethylphthalate	10.27	149	229094	45.546	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	95691	46.879	ng		96
62) 4-Nitroaniline	10.43	138	55598	40.693	ng		88
63) Azobenzene	10.55	77	236285	45.994	ng		96
65) 4,6-Dinitro-2-methylphenol	10.46	198	26683	47.289	ng		82
66) n-Nitrosodiphenylamine	10.51	169	185938	43.367	ng		98
67) 4-Bromophenyl-phenylether	10.88	248	55179	43.521	ng		96
68) Hexachlorobenzene	10.96	284	57371	41.371	ng		97
69) Atrazine	11.04	200	51760	49.982	ng		99
70) Pentachlorophenol	11.15	266	52760	81.166	ng		97
71) Phenanthrene	11.36	178	305084	43.264	ng		99
72) Anthracene	11.42	178	319213	44.340	ng		98
73) Carbazole	11.57	167	293343	42.927	ng		99
74) Di-n-butylphthalate	11.89	149	367745	45.231	ng		99
75) Fluoranthene	12.55	202	317198	43.778	ng		99
77) Benzidine	12.67	184	133345	45.380	ng		99
78) Pyrene	12.78	202	321251	41.972	ng		99
80) Butylbenzylphthalate	13.39	149	152319	42.116	ng		95
81) Benzo(a)anthracene	13.97	228	254444	41.750	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	56888	28.967	ng		97
83) Chrysene	14.01	228	249650	42.000	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	207293	44.454	ng		99
85) Di-n-octyl phthalate	14.56	149	326780	44.524	ng		99
86) Indeno(1,2,3-cd)pyrene	16.90	276	181532	41.861	ng		98
88) Benzo(b)fluoranthene	15.02	252	206630	43.998	ng		96
89) Benzo(k)fluoranthene	15.05	252	198797	44.686	ng	#	98
90) Benzo(a)pyrene	15.38	252	187213	45.427	ng		98
91) Dibenzo(a,h)anthracene	16.90	278	151266	46.075	ng		98
92) Benzo(g,h,i)perylene	17.33	276	141530	43.261	ng		95

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

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