Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF117014.D
Acq On : 13 Sep 2019 9:30
Operator : HP/JU
Sample : PB122826BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122826BS

Manual Integrations APPROVED
mohammad
9/16/2019 9:00:07 AM

Quant Time: Sep 13 11:05:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 08:24:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	60511	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	260022	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	143407	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	243293	20.00	ng		0.00
76) Chrysene-d12	13.97	240	152580	20.00	ng		0.00
87) Perylene-d12	15.42	264	132995	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	452643	121.19	ng		0.01
7) Phenol-d6	6.46	99	594363	121.18	ng		0.00
23) Nitrobenzene-d5	7.39	82	356172	78.20	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	145700	151.98	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	663194	78.01	ng		0.00
79) Terphenyl-d14	12.92	244	684105	82.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	71371	41.393	ng		98
3) Pyridine	3.34	79	168490	33.750	ng		96
4) n-Nitrosodimethylamine	3.28	42	65672	38.308	ng		96
6) Aniline	6.49	93	226831	33.391	ng		96
8) 2-Chlorophenol	6.62	128	198364	48.650	ng		98
9) Benzaldehyde	6.37	77	123407	38.192	ng		99
10) Phenol	6.47	94	255196	46.989	ng		99
11) bis(2-Chloroethyl)ether	6.56	93	185535	43.874	ng		98
12) 1,3-Dichlorobenzene	6.77	146	205686	44.634	ng		97
13) 1,4-Dichlorobenzene	6.85	146	213340	46.500	ng		99
14) 1,2-Dichlorobenzene	7.00	146	197895	46.544	ng		99
15) Benzyl Alcohol	6.97	79	184375	46.311	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	179763	36.232	ng		98
17) 2-Methylphenol	7.08	107	167788	47.008	ng		98
18) Hexachloroethane	7.34	117	78255	43.902	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	143106	44.314	ng		99
20) 3+4-Methylphenols	7.23	107	209632	50.512	ng		91
22) Acetophenone	7.23	105	290280	46.370	ng	#	96
24) Nitrobenzene	7.40	77	220931	47.692	ng		95
25) Isophorone	7.65	82	411009	44.532	ng		98
26) 2-Nitrophenol	7.72	139	100111	58.128	ng		97
27) 2,4-Dimethylphenol	7.76	122	178090	51.201	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	235204	41.702	ng		100
29) 2,4-Dichlorophenol	7.97	162	168693	50.466	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	165388	45.617	ng		100
31) Naphthalene	8.13	128	575735	46.564	ng		100
32) Benzoic acid	7.89	122	85520	43.545	ng		95
33) 4-Chloroaniline	8.17	127	145385	25.831	ng		97
34) Hexachlorobutadiene	8.25	225	91449	46.260	ng		98
35) Caprolactam	8.54	113	56521m	45.181	ng		
36) 4-Chloro-3-methylphenol	8.66	107	200076	52.078	ng		97
37) 2-Methylnaphthalene	8.82	142	402916	48.977	ng		98
38) 1-Methylnaphthalene	8.92	142	370197	47.670	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	158769	46.184	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	78089	39.336	ng		96
43) 2,4,6-Trichlorophenol	9.10	196	112106	47.572	ng		100
44) 2,4,5-Trichlorophenol	9.14	196	121603	49.705	ng		98
46) 1,1'-Biphenyl	9.28	154	480610	44.166	ng		99
47) 2-Chloronaphthalene	9.30	162	375694	43.590	ng		96
48) 2-Nitroaniline	9.40	65	121599	48.801	ng		99
49) Acenaphthylene	9.72	152	606572	46.557	ng		100
50) Dimethylphthalate	9.58	163	451268	45.579	ng		98
51) 2,6-Dinitrotoluene	9.64	165	99038	52.429	ng	#	86
52) Acenaphthene	9.89	154	345479	43.157	ng		100
53) 3-Nitroaniline	9.81	138	87375	36.909	ng		91
54) 2,4-Dinitrophenol	9.92	184	38666	60.209	ng		96
55) Dibenzofuran	10.06	168	537457	47.626	ng		98
56) 4-Nitrophenol	9.98	139	158467	97.626	ng		99
57) 2,4-Dinitrotoluene	10.05	165	132889	57.533	ng		99
58) Fluorene	10.40	166	432979	50.354	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	95420	54.041	ng		99
60) Diethylphthalate	10.27	149	471513	47.543	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	187366	49.760	ng		95
62) 4-Nitroaniline	10.42	138	114809	49.974	ng		98
63) Azobenzene	10.56	77	480278	46.443	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	33628	39.155	ng		94
66) n-Nitrosodiphenylamine	10.51	169	388046	46.106	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	111269	45.020	ng	#	89
68) Hexachlorobenzene	10.96	284	117765	45.542	ng		95
69) Atrazine	11.04	200	111941	47.489	ng		98
70) Pentachlorophenol	11.15	266	116772	93.350	ng		97
71) Phenanthrene	11.36	178	618411	45.662	ng		99
72) Anthracene	11.42	178	657646	48.239	ng		100
73) Carbazole	11.57	167	598586	46.093	ng		99
74) Di-n-butylphthalate	11.90	149	795656	47.792	ng		99
75) Fluoranthene	12.55	202	619379	46.536	ng		99
77) Benzidine	12.67	184	373043	62.334	ng		99
78) Pyrene	12.78	202	611195	45.062	ng		99
80) Butylbenzylphthalate	13.39	149	330914	50.170	ng		91
81) Benzo(a)anthracene	13.96	228	453592	46.972	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	144428	44.256	ng		99
83) Chrysene	14.00	228	439377	44.164	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	478301	58.745	ng	#	99
85) Di-n-octyl phthalate	14.56	149	761491	57.151	ng		100
86) Indeno(1,2,3-cd)pyrene	16.86	276	308614	38.620	ng		100
88) Benzo(b)fluoranthene	15.00	252	373051	46.395	ng		99
89) Benzo(k)fluoranthene	15.03	252	357281	48.734	ng		99
90) Benzo(a)pyrene	15.36	252	336623	48.120	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	264025	43.119	ng		99
92) Benzo(g,h,i)perylene	17.29	276	229896	36.814	ng		100

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

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