Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
Data File : BF119384.D
Acq On : 12 Mar 2020 17:06
Operator : CG/JU
Sample : PB127488BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Manual Integrations APPROVED
mohammad
3/16/2020 1:47:30 PM

Quant Time: Mar 13 02:25:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	116730	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	449370	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	251138	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	472333	20.00	ng		0.00
76) Chrysene-d12	13.90	240	309948	20.00	ng		0.01
87) Perylene-d12	15.33	264	264841	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	917956	131.42	ng		0.01
7) Phenol-d6	6.38	99	1064382	125.30	ng		0.00
23) Nitrobenzene-d5	7.29	82	719385	84.53	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	391554	119.18	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1408979	82.65	ng		0.00
79) Terphenyl-d14	12.83	244	1748966	97.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	111308	35.791	ng		97
3) Pyridine	3.22	79	247503	29.141	ng		97
4) n-Nitrosodimethylamine	3.15	42	111850	43.473	ng		97
6) Aniline	6.39	93	329072	31.394	ng		99
8) 2-Chlorophenol	6.52	128	358425	47.549	ng		98
9) Benzaldehyde	6.28	77	237981	41.931	ng		98
10) Phenol	6.39	94	415771	45.269	ng		91
11) bis(2-Chloroethyl)ether	6.46	93	317032	45.113	ng		99
12) 1,3-Dichlorobenzene	6.66	146	382214	42.305	ng		98
13) 1,4-Dichlorobenzene	6.74	146	390450	43.187	ng		98
14) 1,2-Dichlorobenzene	6.89	146	353383	42.858	ng		99
15) Benzyl Alcohol	6.88	79	296124	48.232	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	247057	40.584	ng	#	9
17) 2-Methylphenol	7.00	107	286546	46.886	ng		91
18) Hexachloroethane	7.23	117	138518	42.824	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	243214	49.134	ng		95
20) 3+4-Methylphenols	7.16	107	390517	52.156	ng		87
22) Acetophenone	7.14	105	478224	45.995	ng	#	95
24) Nitrobenzene	7.31	77	372941	44.312	ng		96
25) Isophorone	7.55	82	662714	44.836	ng		99
26) 2-Nitrophenol	7.63	139	197374	44.261	ng		95
27) 2,4-Dimethylphenol	7.67	122	304108	50.248	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	398722	41.444	ng		99
29) 2,4-Dichlorophenol	7.89	162	316819	44.467	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	335004	39.657	ng		97
31) Naphthalene	8.03	128	1019870	43.762	ng		98
32) Benzoic acid	7.86	122	156319	37.152	ng		97
33) 4-Chloroaniline	8.09	127	214217	21.371	ng		98
34) Hexachlorobutadiene	8.14	225	205958	39.141	ng		98
35) Caprolactam	8.47	113	93690m	42.706	ng		
36) 4-Chloro-3-methylphenol	8.59	107	334514	46.392	ng		99
37) 2-Methylnaphthalene	8.72	142	692340	44.144	ng		98
38) 1-Methylnaphthalene	8.82	142	652289	44.224	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	348421	41.149	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	126886	45.729	ng		98
43) 2,4,6-Trichlorophenol	9.02	196	206265	38.575	ng		100
44) 2,4,5-Trichlorophenol	9.07	196	203355	36.242	ng		100
46) 1,1'-Biphenyl	9.18	154	850500	41.903	ng		98
47) 2-Chloronaphthalene	9.21	162	669927	40.958	ng		99
48) 2-Nitroaniline	9.32	65	199865	43.810	ng		95
49) Acenaphthylene	9.62	152	1032059	43.688	ng		99
50) Dimethylphthalate	9.49	163	810372	42.198	ng		100
51) 2,6-Dinitrotoluene	9.56	165	183059	42.905	ng	#	74
52) Acenaphthene	9.79	154	610534	42.861	ng		99
53) 3-Nitroaniline	9.73	138	107134	22.650	ng		94
54) 2,4-Dinitrophenol	9.86	184	137324	67.511	ng		93
55) Dibenzofuran	9.97	168	920539	43.296	ng		100
56) 4-Nitrophenol	9.93	139	90406	31.812	ng		94
57) 2,4-Dinitrotoluene	9.97	165	242110	43.779	ng		96
58) Fluorene	10.31	166	745103	45.100	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	192490	40.657	ng		99
60) Diethylphthalate	10.19	149	794616	43.907	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	382976	43.794	ng		99
62) 4-Nitroaniline	10.36	138	170333	35.198	ng		94
63) Azobenzene	10.46	77	719675	45.750	ng		98
65) 4,6-Dinitro-2-methylphenol	10.39	198	124089	43.416	ng		99
66) n-Nitrosodiphenylamine	10.42	169	672723	43.497	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	251048	40.662	ng		97
68) Hexachlorobenzene	10.87	284	288871	40.582	ng		98
69) Atrazine	10.96	200	225632	41.756	ng		96
70) Pentachlorophenol	11.07	266	152414	53.154	ng		97
71) Phenanthrene	11.27	178	1105558	42.920	ng		98
72) Anthracene	11.33	178	1159229	45.041	ng		98
73) Carbazole	11.49	167	1004378	43.804	ng		98
74) Di-n-butylphthalate	11.80	149	1184282	42.651	ng		99
75) Fluoranthene	12.47	202	1179191	43.127	ng		98
77) Benzidine	12.59	184	568186	45.075	ng		98
78) Pyrene	12.69	202	1167985	46.929	ng		99
80) Butylbenzylphthalate	13.30	149	459432	43.860	ng		99
81) Benzo(a)anthracene	13.89	228	950101	44.988	ng		98
82) 3,3'-Dichlorobenzidine	13.84	252	220207	26.853	ng		97
83) Chrysene	13.92	228	921073	43.771	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	594890	44.953	ng	#	96
85) Di-n-octyl phthalate	14.47	149	851661	40.392	ng		99
86) Indeno(1,2,3-cd)pyrene	16.76	276	745102	36.569	ng		100
88) Benzo(b)fluoranthene	14.92	252	739144	42.341	ng		99
89) Benzo(k)fluoranthene	14.95	252	795864	49.195	ng		98
90) Benzo(a)pyrene	15.27	252	676059	42.910	ng		99
91) Dibenzo(a,h)anthracene	16.75	278	619709	44.703	ng		99
92) Benzo(g,h,i)perylene	17.18	276	621288	45.359	ng		98

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

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