Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119313.D
Acq On : 10 Mar 2020 13:07
Operator : CG/JU
Sample : PB127381BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127381BS

Manual Integrations APPROVED
mohammad
3/11/2020 4:57:48 PM

Quant Time: Mar 11 02:04:18 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	6.73	152	117387	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	456090	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	265807	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	498817	20.00	ng		0.00
76) Chrysene-d12	13.89	240	350509	20.00	ng		0.00
87) Perylene-d12	15.32	264	264546	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	870958	123.99	ng		0.02
7) Phenol-d6	6.39	99	1041555	121.92	ng		0.01
23) Nitrobenzene-d5	7.30	82	633970	73.39	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	407304	117.14	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1286745	71.31	ng		0.00
79) Terphenyl-d14	12.83	244	1581757	77.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	119907	38.341	ng		99
3) Pyridine	3.23	79	270962	31.725	ng		97
4) n-Nitrosodimethylamine	3.16	42	112456	43.464	ng		99
6) Aniline	6.40	93	317440	30.115	ng		90
8) 2-Chlorophenol	6.52	128	354939	46.823	ng		99
9) Benzaldehyde	6.28	77	147612	25.863	ng		99
10) Phenol	6.40	94	416227	45.065	ng		87
11) bis(2-Chloroethyl)ether	6.47	93	319745	45.245	ng		99
12) 1,3-Dichlorobenzene	6.67	146	377558	41.555	ng		99
13) 1,4-Dichlorobenzene	6.75	146	388594	42.741	ng		97
14) 1,2-Dichlorobenzene	6.90	146	357738	43.143	ng		98
15) Benzyl Alcohol	6.88	79	291775	47.258	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	253899	41.474	ng	#	14
17) 2-Methylphenol	7.00	107	291048	47.356	ng		93
18) Hexachloroethane	7.23	117	137358	42.228	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	239997	48.213	ng		99
20) 3+4-Methylphenols	7.16	107	384384	51.050	ng	#	86
22) Acetophenone	7.14	105	479051	45.396	ng	#	95
24) Nitrobenzene	7.32	77	374939	43.893	ng		99
25) Isophorone	7.55	82	674047	44.931	ng		98
26) 2-Nitrophenol	7.63	139	200918	44.391	ng		99
27) 2,4-Dimethylphenol	7.68	122	311490	50.709	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	408917	41.878	ng		99
29) 2,4-Dichlorophenol	7.89	162	321261	44.426	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	340517	39.716	ng		99
31) Naphthalene	8.03	128	1024451	43.311	ng		98
32) Benzoic acid	7.85	122	156731	36.782	ng		98
33) 4-Chloroaniline	8.09	127	280323	27.554	ng		100
34) Hexachlorobutadiene	8.15	225	206996	38.759	ng		99
35) Caprolactam	8.47	113	104329m	46.855	ng		
36) 4-Chloro-3-methylphenol	8.59	107	344415	47.061	ng		99
37) 2-Methylnaphthalene	8.72	142	715140	44.926	ng		98
38) 1-Methylnaphthalene	8.82	142	664872	44.413	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	356625	39.793	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	109423	38.999	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	218658	38.636	ng		98
44) 2,4,5-Trichlorophenol	9.07	196	227676	38.338	ng		99
46) 1,1'-Biphenyl	9.19	154	866440	40.332	ng		98
47) 2-Chloronaphthalene	9.21	162	692421	39.997	ng		98
48) 2-Nitroaniline	9.32	65	207623	42.999	ng		92
49) Acenaphthylene	9.63	152	1059105	42.359	ng		99
50) Dimethylphthalate	9.49	163	841742	41.413	ng		100
51) 2,6-Dinitrotoluene	9.56	165	191995	42.516	ng		99
52) Acenaphthene	9.80	154	627426	41.616	ng		99
53) 3-Nitroaniline	9.73	138	138884	27.742	ng		95
54) 2,4-Dinitrophenol	9.86	184	138470	64.671	ng	#	90
55) Dibenzofuran	9.97	168	928535	41.262	ng		99
56) 4-Nitrophenol	9.93	139	137581	45.740	ng		97
57) 2,4-Dinitrotoluene	9.97	165	243992	41.685	ng		94
58) Fluorene	10.31	166	766134	43.813	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	191641	38.244	ng		98
60) Diethylphthalate	10.19	149	834483	43.566	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	400522	43.272	ng		99
62) 4-Nitroaniline	10.35	138	171370	33.458	ng		96
63) Azobenzene	10.46	77	738556	44.359	ng		97
65) 4,6-Dinitro-2-methylphenol	10.39	198	127791	42.337	ng		95
66) n-Nitrosodiphenylamine	10.42	169	691868	42.360	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	262192	40.212	ng		99
68) Hexachlorobenzene	10.87	284	301775	40.143	ng		99
69) Atrazine	10.96	200	248103	43.476	ng		98
70) Pentachlorophenol	11.07	266	177693	58.679	ng		98
71) Phenanthrene	11.27	178	1137016	41.797	ng		98
72) Anthracene	11.33	178	1173973	43.192	ng		98
73) Carbazole	11.49	167	1023906	42.285	ng		99
74) Di-n-butylphthalate	11.80	149	1260814	42.996	ng		99
75) Fluoranthene	12.46	202	1203926	41.694	ng		99
77) Benzidine	12.58	184	307494	21.571	ng		99
78) Pyrene	12.69	202	1212849	43.092	ng		99
80) Butylbenzylphthalate	13.30	149	529882	44.732	ng		98
81) Benzo(a)anthracene	13.88	228	1023105	42.839	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	299286	32.273	ng		99
83) Chrysene	13.92	228	985326	41.406	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	713646	47.687	ng		99
85) Di-n-octyl phthalate	14.46	149	1120604	46.997	ng		99
86) Indeno(1,2,3-cd)pyrene	16.73	276	786521	34.134	ng		100
88) Benzo(b)fluoranthene	14.91	252	929992	53.333	ng		100
89) Benzo(k)fluoranthene	14.94	252	786098	48.646	ng		100
90) Benzo(a)pyrene	15.26	252	740859	47.075	ng		98
91) Dibenzo(a,h)anthracene	16.73	278	664378	47.979	ng		99
92) Benzo(g,h,i)perylene	17.16	276	650837	47.569	ng		99

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

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