Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119770.D
Acq On : 6 Apr 2020 14:31
Operator : MA/SJ
Sample : PB128016BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Manual Integrations APPROVED
mohammad
4/8/2020 8:12:23 AM

Quant Time: Apr 06 15:02:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	147887	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	570342	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	292349	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	588412	20.00	ng		0.00
76) Chrysene-d12	13.96	240	426455	20.00	ng		0.00
87) Perylene-d12	15.40	264	468344	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1258556	135.48	ng		0.02
7) Phenol-d6	6.42	99	1554527	130.99	ng		0.00
23) Nitrobenzene-d5	7.35	82	952136	90.73	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	468306	155.27	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1850382	93.77	ng		0.00
79) Terphenyl-d14	12.90	244	2112358	97.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	163905	35.723	ng		98
3) Pyridine	3.27	79	456394	36.106	ng		97
4) n-Nitrosodimethylamine	3.22	42	262686	42.615	ng		99
6) Aniline	6.45	93	532983	32.541	ng		98
8) 2-Chlorophenol	6.57	128	503175	51.570	ng		96
9) Benzaldehyde	6.33	77	241690	32.105	ng		99
10) Phenol	6.43	94	617095	48.734	ng		97
11) bis(2-Chloroethyl)ether	6.52	93	460908	45.511	ng		98
12) 1,3-Dichlorobenzene	6.72	146	488858	46.293	ng		97
13) 1,4-Dichlorobenzene	6.80	146	511529	48.428	ng		98
14) 1,2-Dichlorobenzene	6.95	146	466735	47.274	ng		99
15) Benzyl Alcohol	6.93	79	398324	44.621	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	860471	42.123	ng		99
17) 2-Methylphenol	7.04	107	386135	43.193	ng		100
18) Hexachloroethane	7.30	117	183478	47.399	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	330053	46.142	ng		99
20) 3+4-Methylphenols	7.19	107	495401	45.217	ng	#	82
22) Acetophenone	7.19	105	649382	47.650	ng	#	86
24) Nitrobenzene	7.37	77	501257	44.695	ng		98
25) Isophorone	7.61	82	917915	43.119	ng		100
26) 2-Nitrophenol	7.69	139	267562	60.592	ng	#	87
27) 2,4-Dimethylphenol	7.72	122	410659	44.975	ng		95
28) bis(2-Chloroethoxy)methane	7.82	93	582618	46.283	ng		99
29) 2,4-Dichlorophenol	7.93	162	400944	47.790	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	443739	47.826	ng		98
31) Naphthalene	8.09	128	1378932	46.982	ng		99
32) Benzoic acid	7.85	122	335074	57.049	ng		95
33) 4-Chloroaniline	8.14	127	297062	22.088	ng		98
34) Hexachlorobutadiene	8.21	225	246750	47.532	ng		98
35) Caprolactam	8.50	113	124818m	45.458	ng		
36) 4-Chloro-3-methylphenol	8.63	107	437351	47.695	ng		100
37) 2-Methylnaphthalene	8.79	142	918472	47.682	ng		98
38) 1-Methylnaphthalene	8.89	142	861922	47.275	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	409747	47.817	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	506154	103.899	ng	100
43) 2,4,6-Trichlorophenol	9.06	196	295592	48.204	ng	97
44) 2,4,5-Trichlorophenol	9.10	196	318031	46.297	ng	95
46) 1,1'-Biphenyl	9.25	154	1125738	47.279	ng	97
47) 2-Chloronaphthalene	9.27	162	894670	47.969	ng	99
48) 2-Nitroaniline	9.37	65	310864	48.289	ng	98
49) Acenaphthylene	9.69	152	1360505	46.451	ng	98
50) Dimethylphthalate	9.56	163	993096	47.824	ng	98
51) 2,6-Dinitrotoluene	9.62	165	237975	53.466	ng	95
52) Acenaphthene	9.86	154	839140	45.958	ng	99
53) 3-Nitroaniline	9.78	138	165715	29.490	ng	93
54) 2,4-Dinitrophenol	9.89	184	272074	135.697	ng	93
55) Dibenzofuran	10.03	168	1254235	47.910	ng	100
56) 4-Nitrophenol	9.95	139	415615	93.757	ng	87
57) 2,4-Dinitrotoluene	10.02	165	312281	55.694	ng	100
58) Fluorene	10.38	166	956641	49.416	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	274121	53.385	ng	98
60) Diethylphthalate	10.26	149	1030397	48.890	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	464444	49.060	ng	99
62) 4-Nitroaniline	10.40	138	249555	46.312	ng	98
63) Azobenzene	10.53	77	975837	45.979	ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	180990	73.353	ng	99
66) n-Nitrosodiphenylamine	10.49	169	874037	45.248	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	297370	44.375	ng	93
68) Hexachlorobenzene	10.93	284	325107	47.401	ng	93
69) Atrazine	11.02	200	259598	49.021	ng	97
70) Pentachlorophenol	11.12	266	378888	94.214	ng	98
71) Phenanthrene	11.34	178	1466094	48.052	ng	98
72) Anthracene	11.39	178	1521118	49.054	ng	98
73) Carbazole	11.55	167	1401850	45.673	ng	98
74) Di-n-butylphthalate	11.88	149	1562983	47.603	ng	99
75) Fluoranthene	12.53	202	1535814	46.512	ng	99
77) Benzidine	12.65	184	683619	37.879	ng	98
78) Pyrene	12.76	202	1568268	44.809	ng	98
80) Butylbenzylphthalate	13.38	149	664651	46.954	ng	100
81) Benzo(a)anthracene	13.94	228	1288518	46.464	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	364138	33.302	ng	98
83) Chrysene	13.99	228	1316236	45.990	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	872094	51.681	ng	99
85) Di-n-octyl phthalate	14.55	149	1547670	52.150	ng	99
86) Indeno(1,2,3-cd)pyrene	16.83	276	1548310	57.441	ng	98
88) Benzo(b)fluoranthene	14.98	252	1439180	46.002	ng	97
89) Benzo(k)fluoranthene	15.02	252	1274575	42.785	ng	99
90) Benzo(a)pyrene	15.34	252	1261430	44.367	ng	98
91) Dibenzo(a,h)anthracene	16.85	278	1265541	50.890	ng	98
92) Benzo(g,h,i)perylene	17.26	276	1290409	51.651	ng	97

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

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